

Preliminary Environmental Information Report

Appendix 12C: Route Receptors and Dwelling Receptor Group 1-4: Analysis Components Data

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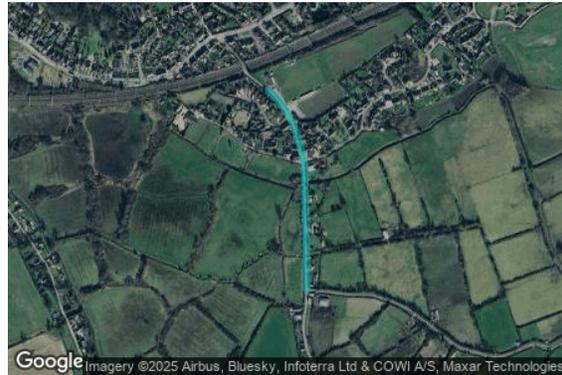
Route Receptors

Name: Route 1

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.577973	-2.815843	12.55	1.50	14.05
2	51.577791	-2.815537	11.77	1.50	13.27
3	51.577570	-2.815269	11.37	1.50	12.87
4	51.577271	-2.815006	10.49	1.50	11.99
5	51.576959	-2.814824	10.14	1.50	11.64
6	51.576676	-2.814695	9.33	1.50	10.83
7	51.576372	-2.814594	6.82	1.50	8.32
8	51.573700	-2.814516	6.49	1.50	7.99

Name: Route 10

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



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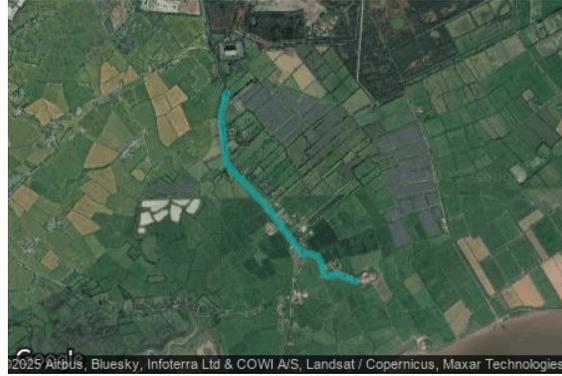
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.574919	-2.874007	5.40	1.50	6.90
2	51.571749	-2.874335	4.68	1.50	6.18
3	51.571646	-2.874427	5.27	1.50	6.77
4	51.571593	-2.874663	5.30	1.50	6.80
5	51.571653	-2.874985	5.74	1.50	7.24
6	51.572369	-2.877567	5.14	1.50	6.64
7	51.572523	-2.877749	4.86	1.50	6.36
8	51.572598	-2.877982	4.82	1.50	6.32
9	51.572558	-2.878159	5.26	1.50	6.76
10	51.572423	-2.878259	5.16	1.50	6.66
11	51.572278	-2.878234	4.99	1.50	6.49
12	51.572224	-2.878103	5.00	1.50	6.50
13	51.572052	-2.877772	5.22	1.50	6.72
14	51.571940	-2.877252	6.16	1.50	7.66
15	51.571530	-2.875779	6.88	1.50	8.38
16	51.571380	-2.875173	6.32	1.50	7.82
17	51.571283	-2.874781	5.70	1.50	7.20
18	51.571163	-2.874540	5.81	1.50	7.31
19	51.570993	-2.874401	4.80	1.50	6.30
20	51.570670	-2.874438	4.84	1.50	6.34
21	51.570513	-2.874207	4.97	1.50	6.47
22	51.570267	-2.872233	5.11	1.50	6.61
23	51.570323	-2.874116	4.73	1.50	6.23
24	51.570240	-2.874229	4.32	1.50	5.82
25	51.570160	-2.874406	3.23	1.50	4.73
26	51.570183	-2.874803	5.29	1.50	6.79
27	51.570340	-2.874991	5.18	1.50	6.68
28	51.571972	-2.912536	5.96	1.50	7.46

Name: Route 11

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



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Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.545126	-2.891493	6.06	1.50	7.56
2	51.545633	-2.893665	5.64	1.50	7.14
3	51.545713	-2.894132	4.90	1.50	6.40
4	51.545593	-2.895221	5.30	1.50	6.80
5	51.545560	-2.895532	6.07	1.50	7.57
6	51.545670	-2.895768	6.39	1.50	7.89
7	51.546385	-2.896261	5.43	1.50	6.93
8	51.546906	-2.896432	5.33	1.50	6.83
9	51.547264	-2.896759	3.96	1.50	5.46
10	51.547518	-2.898035	4.06	1.50	5.56
11	51.547484	-2.898990	5.03	1.50	6.53
12	51.551415	-2.903692	4.13	1.50	5.63
13	51.554819	-2.908903	5.60	1.50	7.10
14	51.555152	-2.909397	6.21	1.50	7.71
15	51.559476	-2.910212	5.81	1.50	7.31
16	51.561264	-2.909375	5.50	1.50	7.00

Name: Route 12

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



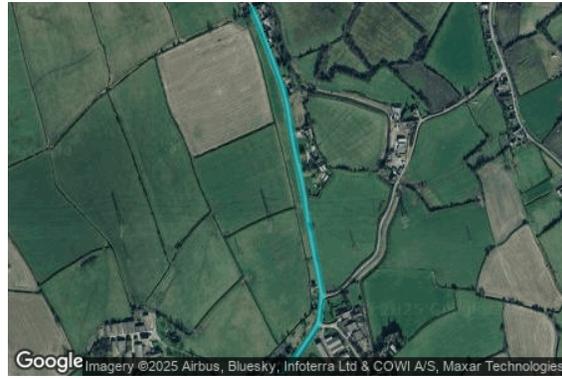
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.534833	-2.902927	7.55	1.50	9.05
2	51.535206	-2.903034	7.31	1.50	8.81
3	51.541094	-2.900874	6.15	1.50	7.65
4	51.541842	-2.900563	6.16	1.50	7.66
5	51.542282	-2.900487	5.58	1.50	7.08
6	51.542462	-2.900627	5.34	1.50	6.84
7	51.542456	-2.900970	5.03	1.50	6.53
8	51.542656	-2.902386	5.42	1.50	6.92
9	51.542829	-2.903180	6.62	1.50	8.12
10	51.542909	-2.903921	6.90	1.50	8.40
11	51.542856	-2.904521	5.76	1.50	7.26
12	51.542529	-2.906007	6.38	1.50	7.88
13	51.542422	-2.906876	7.08	1.50	8.58
14	51.542175	-2.910105	6.88	1.50	8.38
15	51.542215	-2.910384	7.60	1.50	9.10
16	51.543183	-2.913978	6.41	1.50	7.91

Name: Route 2

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



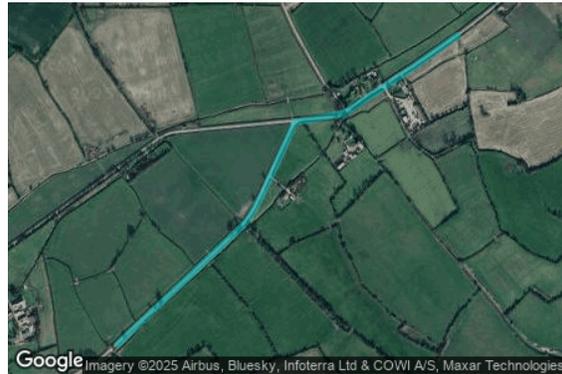
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.573059	-2.822821	7.45	1.50	8.95
2	51.571319	-2.821748	6.37	1.50	7.87
3	51.570705	-2.821555	6.25	1.50	7.75
4	51.568378	-2.820845	5.68	1.50	7.18
5	51.566964	-2.820405	6.30	1.50	7.80
6	51.566731	-2.820448	6.31	1.50	7.81
7	51.566341	-2.820539	6.19	1.50	7.69
8	51.566027	-2.820845	6.26	1.50	7.76
9	51.565340	-2.821684	6.90	1.50	8.40

Name: Route 3

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



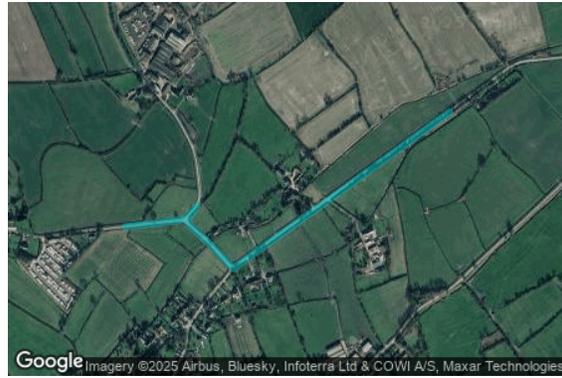
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.562763	-2.826303	5.21	1.50	6.71
2	51.562076	-2.827848	4.21	1.50	5.71
3	51.561669	-2.828814	5.48	1.50	6.98
4	51.561261	-2.829825	5.40	1.50	6.90
5	51.561088	-2.830238	5.85	1.50	7.35
6	51.560951	-2.831443	5.01	1.50	6.51
7	51.560908	-2.831912	4.70	1.50	6.20
8	51.560799	-2.831995	4.37	1.50	5.87
9	51.559963	-2.832599	4.56	1.50	6.06
10	51.559402	-2.833006	4.02	1.50	5.52
11	51.559072	-2.833296	3.75	1.50	5.25
12	51.558817	-2.833532	4.00	1.50	5.50
13	51.558653	-2.833771	4.18	1.50	5.68
14	51.556146	-2.838021	4.57	1.50	6.07

Name: Route 4

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.557150	-2.849866	4.77	1.50	6.27
2	51.557188	-2.849338	4.52	1.50	6.02
3	51.557220	-2.848793	5.51	1.50	7.01
4	51.557262	-2.848385	4.79	1.50	6.29
5	51.557288	-2.847994	4.75	1.50	6.25
6	51.557348	-2.847771	4.75	1.50	6.25
7	51.557442	-2.847621	5.18	1.50	6.68
8	51.557582	-2.847417	4.71	1.50	6.21
9	51.557423	-2.847583	5.16	1.50	6.66
10	51.557318	-2.847712	4.92	1.50	6.42
11	51.557252	-2.847739	4.95	1.50	6.45
12	51.557153	-2.847600	5.01	1.50	6.51
13	51.556795	-2.846988	5.33	1.50	6.83
14	51.556258	-2.846151	5.09	1.50	6.59
15	51.556745	-2.845062	5.10	1.50	6.60
16	51.557648	-2.843018	4.67	1.50	6.17
17	51.559602	-2.838689	4.91	1.50	6.41

Name: Route 5

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.552928	-2.850896	6.47	1.50	7.97
2	51.553175	-2.850536	6.85	1.50	8.35
3	51.553542	-2.850172	7.07	1.50	8.57
4	51.553885	-2.849823	6.25	1.50	7.75
5	51.554105	-2.849469	5.46	1.50	6.96
6	51.554652	-2.848573	5.22	1.50	6.72
7	51.555056	-2.847602	5.13	1.50	6.63
8	51.555497	-2.847115	5.90	1.50	7.40
9	51.556078	-2.846359	5.31	1.50	6.81

Name: Route 6

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.554930	-2.847668	5.22	1.50	6.72
2	51.554718	-2.847703	5.66	1.50	7.16
3	51.554570	-2.847743	5.59	1.50	7.09
4	51.554000	-2.848140	6.08	1.50	7.58
5	51.553454	-2.848451	6.07	1.50	7.57
6	51.553209	-2.848608	6.16	1.50	7.66
7	51.553025	-2.848619	5.88	1.50	7.38
8	51.552865	-2.848469	5.93	1.50	7.43
9	51.552792	-2.848163	5.64	1.50	7.14
10	51.552809	-2.845379	5.78	1.50	7.28
11	51.552766	-2.844102	5.26	1.50	6.76
12	51.552846	-2.843608	5.77	1.50	7.27
13	51.553113	-2.843233	5.61	1.50	7.11
14	51.554748	-2.840486	5.86	1.50	7.36

Name: Route 7

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.550308	-2.857562	4.30	1.50	5.80
2	51.550785	-2.856446	4.23	1.50	5.73
3	51.551102	-2.855609	4.42	1.50	5.92
4	51.551359	-2.855227	5.16	1.50	6.66
5	51.551766	-2.854836	5.33	1.50	6.83
6	51.552176	-2.854407	5.10	1.50	6.60
7	51.552327	-2.853999	4.63	1.50	6.13
8	51.552337	-2.853645	4.55	1.50	6.05
9	51.552263	-2.853210	4.72	1.50	6.22
10	51.552246	-2.852960	4.71	1.50	6.21
11	51.552276	-2.852585	4.99	1.50	6.49
12	51.552390	-2.851946	5.62	1.50	7.12
13	51.552560	-2.851492	5.90	1.50	7.40
14	51.552739	-2.851171	6.02	1.50	7.52
15	51.552659	-2.850908	6.90	1.50	8.40
16	51.552555	-2.850452	7.31	1.50	8.81
17	51.552478	-2.850076	6.80	1.50	8.30
18	51.552432	-2.849754	6.51	1.50	8.01
19	51.552492	-2.849046	5.89	1.50	7.39
20	51.552508	-2.848467	6.03	1.50	7.53
21	51.552729	-2.848193	5.70	1.50	7.20

Name: Route 8

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



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Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.570872	-2.854246	4.07	1.50	5.57
2	51.570166	-2.856907	3.81	1.50	5.31
3	51.569299	-2.859975	3.81	1.50	5.31
4	51.566358	-2.869127	5.26	1.50	6.76
5	51.565451	-2.868333	5.38	1.50	6.88
6	51.563758	-2.866424	4.15	1.50	5.65
7	51.561407	-2.863207	5.23	1.50	6.73
8	51.558387	-2.859571	5.63	1.50	7.13
9	51.557433	-2.858391	5.18	1.50	6.68
10	51.557186	-2.857844	5.05	1.50	6.55
11	51.557013	-2.857265	6.24	1.50	7.74
12	51.556913	-2.856235	6.24	1.50	7.74
13	51.557026	-2.855387	5.79	1.50	7.29
14	51.557146	-2.854872	6.27	1.50	7.77
15	51.557153	-2.854494	5.78	1.50	7.28
16	51.556967	-2.853346	5.53	1.50	7.03

Name: Route 9

Path type: Two-way

Azimuthal view angle: 50.0°

Downward view angle: 90.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	51.572504	-2.854483	5.76	1.50	7.26
2	51.571824	-2.856200	5.63	1.50	7.13
3	51.571450	-2.857466	4.91	1.50	6.41
4	51.570827	-2.860046	5.48	1.50	6.98
5	51.570727	-2.860728	5.07	1.50	6.57
6	51.570703	-2.860980	5.13	1.50	6.63
7	51.570627	-2.861366	5.36	1.50	6.86
8	51.570547	-2.861699	5.55	1.50	7.05
9	51.570460	-2.861817	5.59	1.50	7.09
10	51.570406	-2.862031	5.55	1.50	7.05
11	51.570526	-2.861838	5.31	1.50	6.81
12	51.570713	-2.861935	5.56	1.50	7.06
13	51.570880	-2.862117	5.66	1.50	7.16
14	51.572096	-2.862497	4.15	1.50	5.65
15	51.570899	-2.862234	5.89	1.50	7.39
16	51.570593	-2.862317	5.61	1.50	7.11
17	51.570486	-2.862454	5.51	1.50	7.01
18	51.570416	-2.862693	5.50	1.50	7.00
19	51.570136	-2.866301	4.88	1.50	6.38
20	51.570084	-2.868568	5.17	1.50	6.67
21	51.570098	-2.869018	5.34	1.50	6.84
22	51.567430	-2.869072	6.02	1.50	7.52

Discrete Observation Point Receptors

Name	ID	Latitude (°)	Longitude (°)	Elevation (m)	Height (m)
OP 1	1	51.577879	-2.817491	12.35	1.80
OP 2	2	51.577709	-2.816082	12.28	1.80
OP 3	3	51.577667	-2.819563	6.69	1.80
OP 4	4	51.577318	-2.817880	7.67	1.80
OP 5	5	51.577482	-2.816471	11.56	1.80
OP 6	6	51.577194	-2.816273	11.64	1.80
OP 7	7	51.576534	-2.815146	8.35	1.80
OP 8	8	51.576207	-2.814314	6.65	1.80
OP 9	9	51.577119	-2.812326	5.92	1.80
OP 10	10	51.577877	-2.811888	8.33	1.80
OP 11	11	51.578625	-2.811599	10.48	1.80
OP 12	12	51.577855	-2.810332	6.96	1.80
OP 13	13	51.579302	-2.808828	8.81	1.80
OP 14	14	51.575631	-2.814354	7.26	1.80
OP 15	15	51.574930	-2.814383	6.52	1.80
OP 16	16	51.574078	-2.814421	6.70	1.80
OP 17	17	51.572336	-2.814598	6.60	1.80
OP 18	18	51.571300	-2.814110	6.86	1.80
OP 19	19	51.570623	-2.813804	7.33	1.80
OP 20	20	51.570130	-2.813777	7.26	1.80
OP 21	21	51.569168	-2.811727	6.36	1.80
OP 22	22	51.564350	-2.805329	6.58	1.80
OP 23	23	51.563721	-2.804488	6.49	1.80
OP 24	24	51.576714	-2.825991	5.56	1.80
OP 25	25	51.576037	-2.825158	6.77	1.80
OP 26	26	51.575552	-2.824813	5.88	1.80
OP 27	27	51.575322	-2.824408	6.27	1.80
OP 28	28	51.574596	-2.823681	7.37	1.80
OP 29	29	51.574170	-2.823284	7.29	1.80
OP 30	30	51.573356	-2.822671	7.83	1.80
OP 31	31	51.572814	-2.822270	7.71	1.80
OP 32	32	51.572960	-2.823166	6.71	1.80
OP 33	33	51.571276	-2.821518	7.74	1.80
OP 34	34	51.570393	-2.821224	6.75	1.80
OP 35	35	51.569791	-2.820768	7.66	1.80
OP 36	36	51.569772	-2.820508	6.69	1.80
OP 37	37	51.569375	-2.817930	6.84	1.80
OP 38	38	51.566463	-2.819558	6.23	1.80
OP 39	39	51.565227	-2.818268	5.78	1.80
OP 40	40	51.565060	-2.818718	5.83	1.80
OP 41	41	51.565407	-2.821910	6.92	1.80
OP 42	42	51.565620	-2.826043	4.62	1.80
OP 43	43	51.561765	-2.829086	6.01	1.80
OP 44	44	51.561496	-2.829859	5.88	1.80
OP 45	45	51.561660	-2.828100	5.78	1.80
OP 46	46	51.560510	-2.829993	6.04	1.80
OP 47	47	51.559254	-2.832149	5.83	1.80
OP 48	48	51.560745	-2.835691	5.28	1.80
OP 49	49	51.558155	-2.843807	5.49	1.80
OP 50	50	51.557713	-2.844119	6.14	1.80
OP 51	51	51.556721	-2.841728	5.85	1.80

Name	ID	Latitude (°)	Longitude (°)	Elevation (m)	Height (m)
OP 52	52	51.559917	-2.848159	5.17	1.80
OP 53	53	51.559981	-2.847895	5.53	1.80