

## Appendix 6C

# Air quality - Receptor locations

The list of human receptors is given in **Table 6C.1** and illustrated in **Figure 6C.1** to **Figure 6C.3**. Note that the descriptions are intended as an indication of the location of the receptor, rather than a precise address. Where there are a number of receptors along a road, these are distinguished with a reference number (not to be confused with the property's door number).

Table 6C.1 Human receptors used in modelling

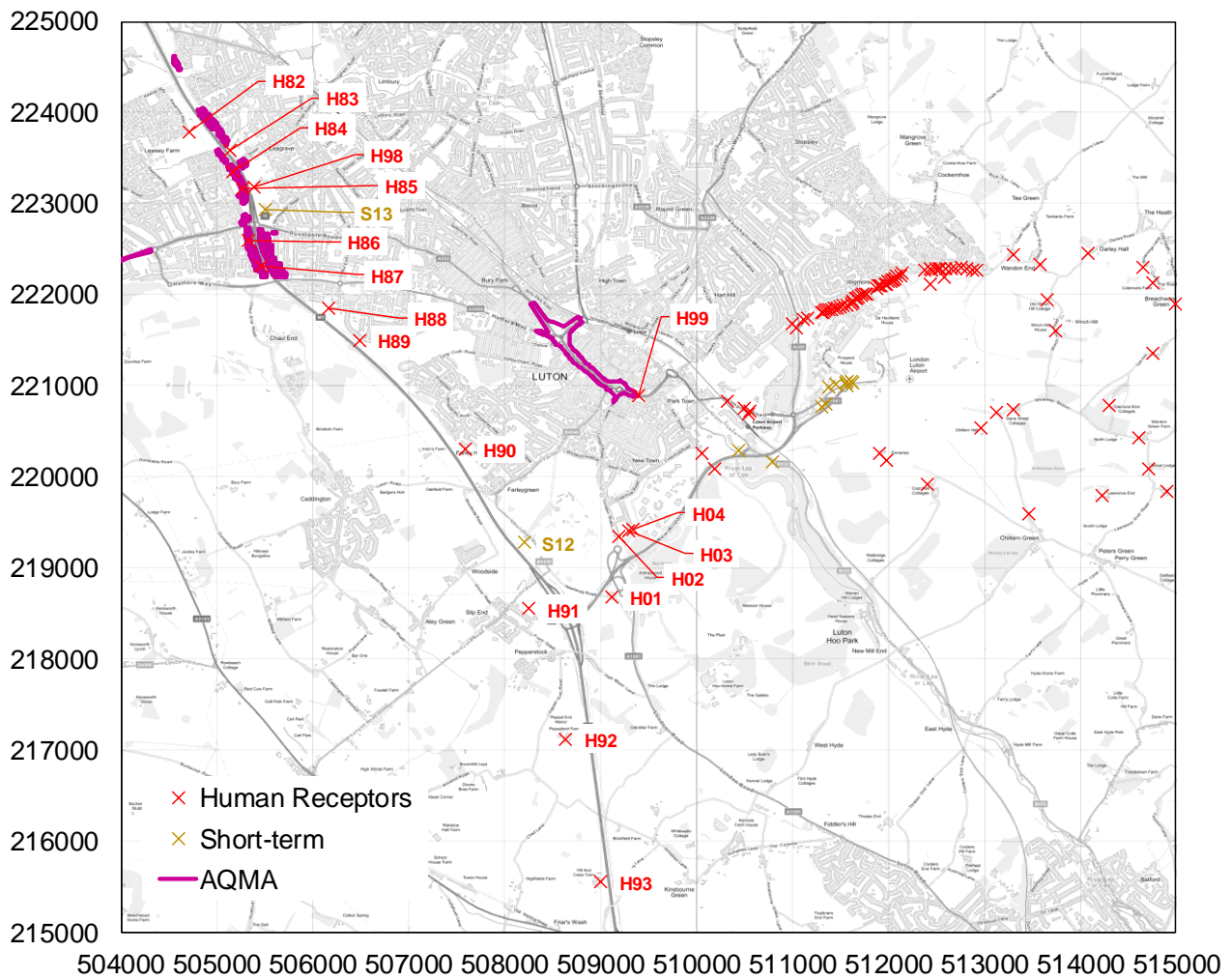
Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
H01	Newlands Farm	509116	218684	1.6
H02	London Road	509192	219354	1.6
H03	Ludlow Avenue	509302	219411	1.6
H04	Ludlow Avenue	509334	219426	1.6
H05	Park Street	510054	220265	1.6
H06	Luton Hoo Lodge	510193	220093	1.6
H07	Harrowden	511042	221642	1.6
H08	Harrowden	511006	221687	1.6
H09	Eaton Green Road	511121	221722	1.6
H10	Eaton Green Road	511169	221741	1.6
H11	Eaton Green Road	511302	221803	1.6
H12	Eaton Green Road	511318	221811	1.6
H13	Eaton Green Road	511333	221818	1.6
H14	Eaton Green Road	511357	221831	1.6
H15	Eaton Green Road	511383	221838	1.6
H16	Eaton Green Road	511408	221840	1.6
H17	Eaton Green Road	511437	221853	1.6
H18	Eaton Green Road	511465	221860	1.6
H19	Eaton Green Road	511497	221866	1.6
H20	Eaton Green Road	511523	221886	1.6
H21	Eaton Green Road	511568	221886	1.6
H22	Eaton Green Road	511611	221906	1.6
H23	Eaton Green Road	511630	221922	1.6

Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
H24	Eaton Green Road	511639	221933	1.6
H25	Eaton Green Road	511659	221954	1.6
H26	Eaton Green Road	511671	221964	1.6
H27	Eaton Green Road	511688	221977	1.6
H28	Eaton Green Road	511720	221996	1.6
H29	Eaton Green Road	511738	222005	1.6
H30	Eaton Green Road	511759	222009	1.6
H31	Eaton Green Road	511779	222014	1.6
H32	Eaton Green Road	511878	222073	1.6
H33	Eaton Green Road	511894	222093	1.6
H34	Eaton Green Road	511907	222102	1.6
H35	Eaton Green Road	511930	222108	1.6
H36	Eaton Green Road	511965	222110	1.6
H37	Eaton Green Road	511986	222121	1.6
H38	Eaton Green Road	512001	222140	1.6
H39	Eaton Green Road	512028	222144	1.6
H40	Eaton Green Road	512042	222160	1.6
H41	Eaton Green Road	512055	222165	1.6
H42	Eaton Green Road	512075	222171	1.6
H43	Eaton Green Road	512090	222204	1.6
H44	Eaton Green Road	512130	222203	1.6
H45	Eaton Green Road	512152	222236	1.6
H46	Eaton Green Road	512388	222274	1.6
H47	Eaton Green Road	512437	222280	1.6
H48	Eaton Green Road	512456	222277	1.6
H49	Eaton Green Road	512503	222285	1.6
H50	Eaton Green Road	512522	222281	1.6
H51	Eaton Green Road	512541	222279	1.6
H52	Eaton Green Road	512601	222284	1.6
H53	Eaton Green Road	512667	222285	1.6

Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
H54	Eaton Green Road	512701	222284	1.6
H55	Eaton Green Road	512767	222296	1.6
H56	Eaton Green Road	512824	222284	1.6
H57	Eaton Green Road	512880	222275	1.6
H58	Eaton Green Road	512924	222277	1.6
H59	Wigmore Valley Park	512444	222119	1.6
H60	Allotments	512586	222195	1.6
H61	Wanden End Farm	513307	222443	1.6
H62	Green Acres	513592	222328	1.6
H63	Darleyhall	514089	222461	1.6
H64	Brownings Lane	514664	222296	1.6
H65	Medlow House	514760	222131	1.6
H66	Chapel Road	514998	221902	1.6
H67	Lye Hill	514757	221356	1.6
H68	Old Winch Hill Cottage	513663	221942	1.6
H69	Winch Hill House	513746	221612	1.6
H70	Diamond End	514312	220788	1.6
H71	Wandon Green Farm	514611	220436	1.6
H72	Wandon Green Cottages	514715	220085	1.6
H73	Rudwick Hall	514902	219845	1.6
H74	Lawrence End	514226	219800	1.6
H75	Forge Cottage	513465	219599	1.6
H76	Dane Street Farm	513307	220740	1.6
H77	Dane Street Cottages	513137	220701	1.6
H78	Chiltern Hall	512971	220532	1.6
H79	Copt Hall Cottages	512415	219924	1.6
H80	Somerles Farm	511988	220186	1.6
H81	Somerles Farm	511911	220263	1.6
H82	M1 North	504715	223794	1.6
H83	MI North	505144	223587	1.6

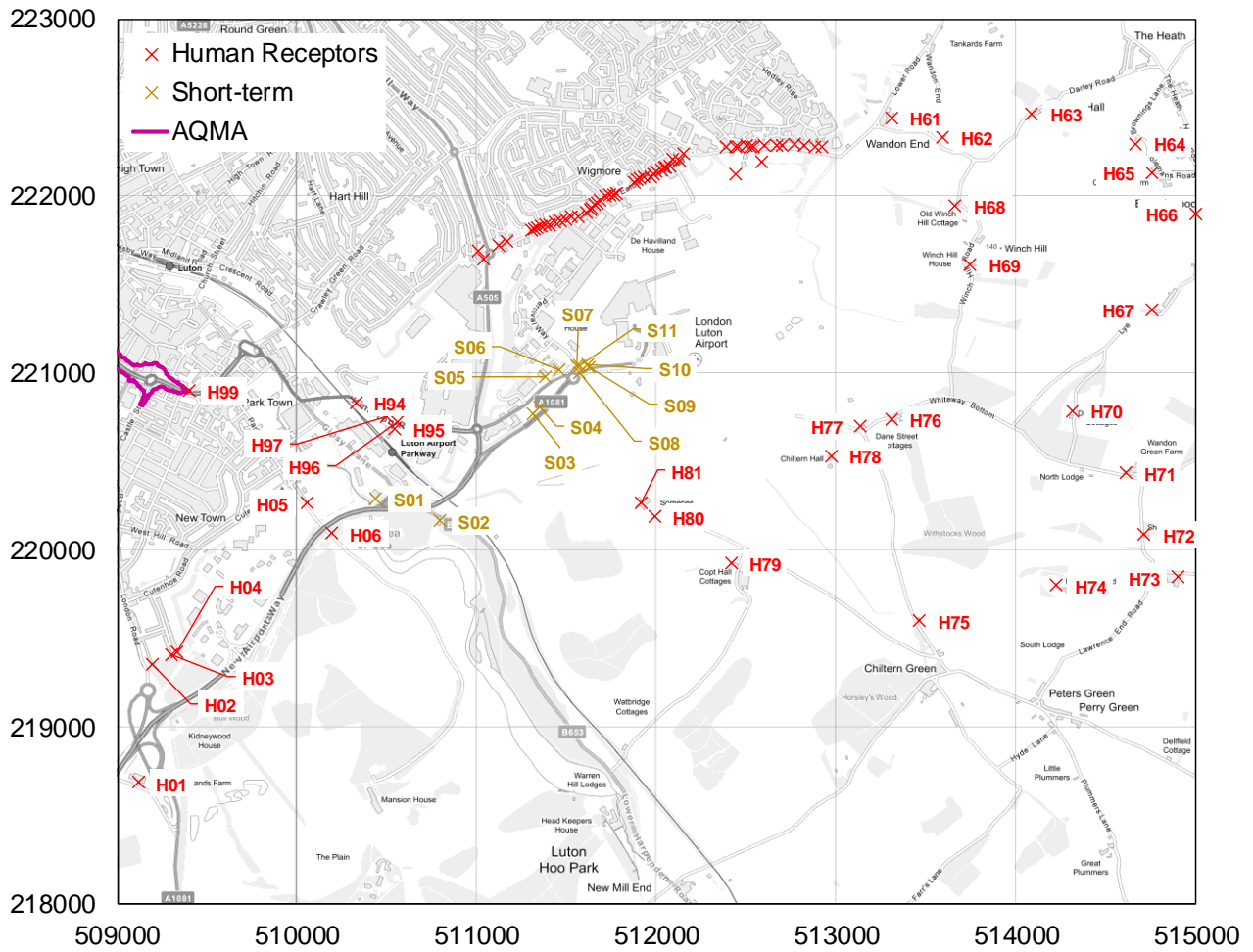
Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
H84	M1 North	505175	223359	1.6
H85	M1 North	505271	223161	1.6
H86	MI North	505328	222603	1.6
H87	MI North	505461	222320	1.6
H88	MI North, Foxdell Junior School	506173	221853	1.6
H89	M1-New Airport Way	506488	221503	1.6
H90	M1-New Airport Way	507591	220305	1.6
H91	M1 North	508258	218551	1.6
H92	M1 South, Pepsalerd Farm	508642	217125	1.6
H93	M1 South, Hill and Coles Farm	509009	215558	1.6
H94	Kimpton Road (North-west)	510327	220830	1.6
H95	Kimpton Road (South-East)	510545	220686	1.6
H96	Future receptor at Kimpton Rd	510555	220719	1.6
H97	Future receptor at Kimpton Rd	510498	220756	1.6
H98	Challney School	505394	223189	1.6
H99	AQMA	509399.9972	220896.8882	1.6
S01	Sports Centre	510439	220290	1.6
S02	Sea Cadets	510797	220162	1.6
S03	Marriott	511316	220767	1.6
S04	Ibis	511351	220805	1.6
S05	Holiday Inn	511384	220980	1.6
S06	Ibis	511455	221018	1.6
S07	Holiday Inn	511557	221036	1.6
S08	Holiday Inn	511571	221004	1.6
S09	Holiday Inn	511628	221030	1.6
S10	Holiday Inn	511621	221045	1.6
S11	Holiday Inn	511572	221043	1.6
S12	M1, Luton Rugby Football club	508203	219281	1.6
S13	M1 North (sport center)	505506	222929	1.6

Figure 6C.1 Human receptors used in modelling — all receptors



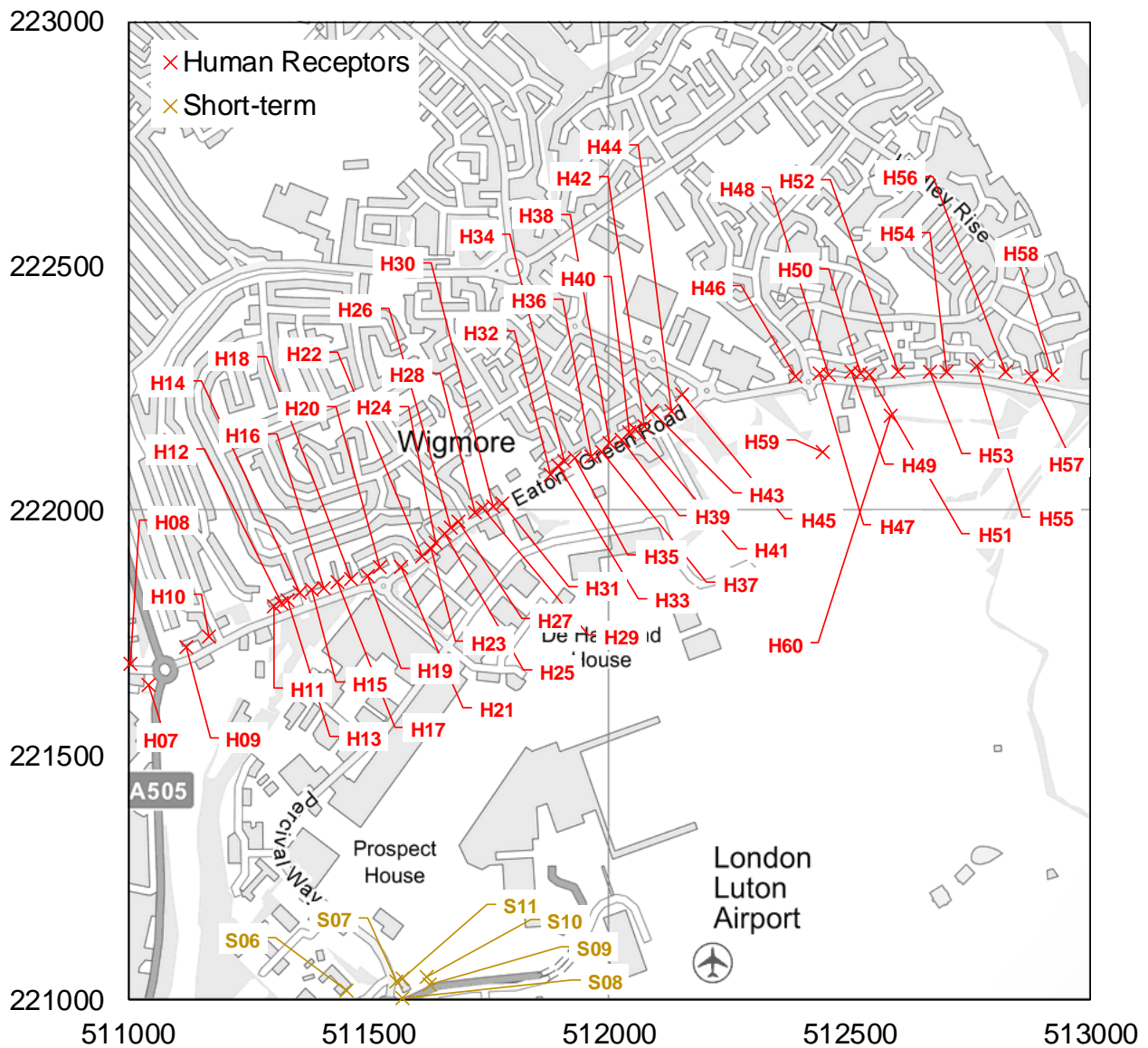
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Figure 6C.2 Human receptors used in modelling — near Luton Airport



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Figure 6C.3 Human receptors used in modelling — Eaton Green Road



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The list of ecological receptors is given in **Table 6C.2** and shown in **Figure 6C.4**

Table 6C.2 Ecological receptors used in modelling

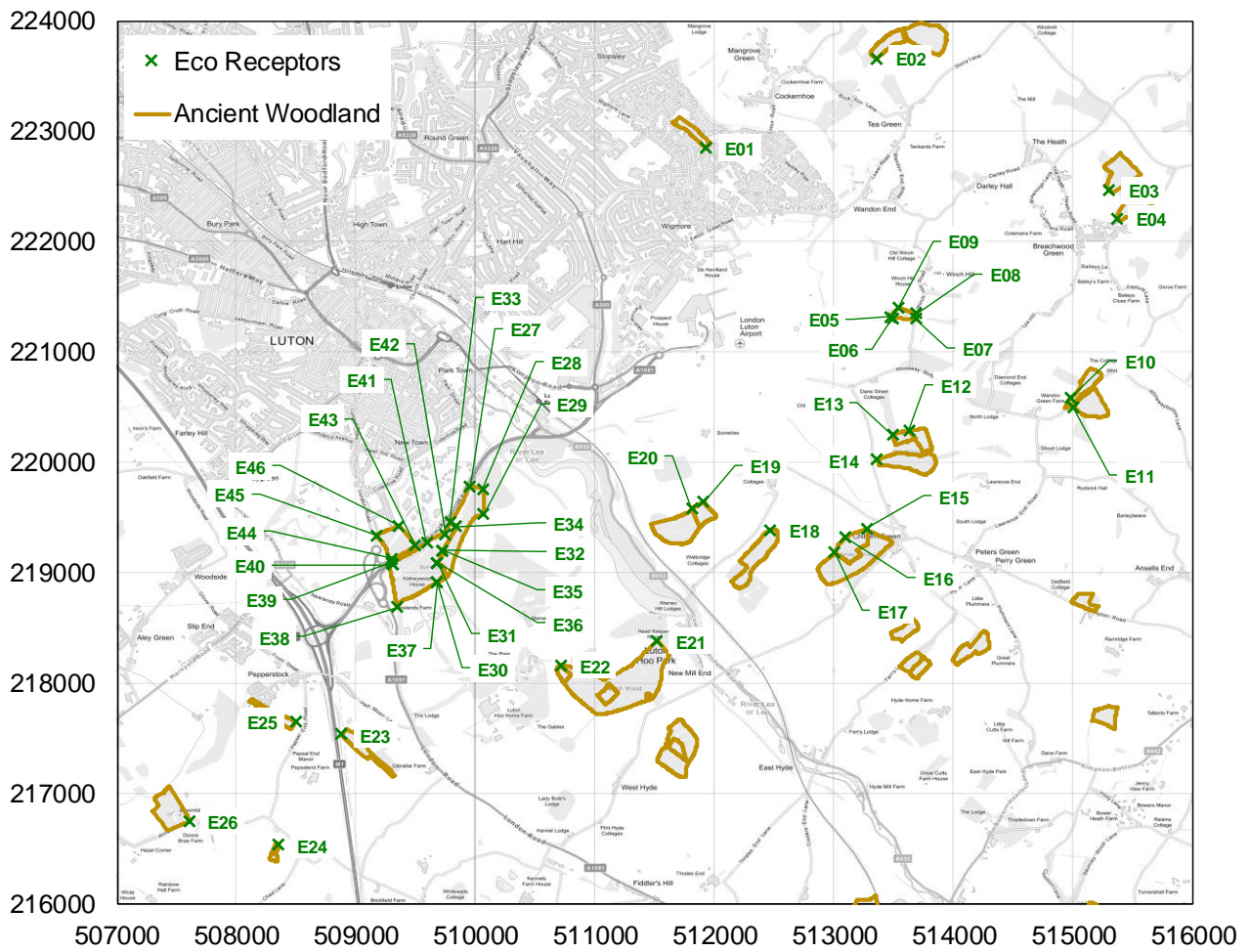
Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
E01	Slaughter's Wood	511925	222851	0
E02	Stubbocks Wood	513354	223659	0
E03	Watkin's Wood	515302	222468	0
E04	Lord's Wood	515363	222210	0
E05	Winchill Wood	513465	221316	0

Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
E06	Winchill Wood	513488	221305	0
E07	Winchill Wood	513685	221298	0
E08	Winchill Wood	513688	221347	0
E09	Winchill Wood	513535	221399	0
E10	Sewett's Wood	514982	220590	0
E11	Hurst Wood	514996	220500	0
E12	Withstocks Wood	513625	220289	0
E13	Withstocks Wood	513488	220248	0
E14	Withstocks Wood	513355	220022	0
E15	Horsley's Wood	513273	219400	0
E16	Horsley's Wood	513095	219322	0
E17	Horsley's Wood	513003	219185	0
E18	Hardingdell Wood	512464	219388	0
E19	George Wood	511908	219642	0
E20	George Wood	511812	219581	0
E21	Birch Wood	511518	218384	0
E22	Birch Wood	510714	218165	0
E23	Chalk Wood	508876	217534	0
E24	Cockrums	508350	216533	0
E25	Birchin Grove	508494	217655	0
E26	Broomhill Lets Wood	507602	216752	0
E27	Kidney and Bulls Woods	509950	219779	0
E28	Kidney and Bulls Woods	510062	219756	0
E29	Kidney and Bulls Woods	510064	219528	0
E30	Kidney and Bulls Woods	509676	218908	0
E31	Kidney and Bulls Woods	509680	219089	0
E32	Kidney and Bulls Woods	509724	219203	0
E33	Kidney and Bulls Woods	509788	219454	0
E34	Kidney and Bulls Woods	509838	219418	0
E35	Kidney and Bulls Woods	509724	219203	0



Receptor ID	Description	Easting (m)	Northing (m)	Height (m)
E36	Kidney and Bulls Woods	509680	219089	0
E37	Kidney and Bulls Woods	509676	218908	0
E38	Kidney and Bulls Woods	509344	218686	0
E39	Kidney and Bulls Woods (on carriageway; use E40)	509297	219090	0
E40	Kidney and Bulls Woods	509307	219073	0
E41	Kidney and Bulls Woods	509589	219269	0
E42	Kidney and Bulls Woods	509744	219350	0
E43	Kidney and Bulls Woods	509493	219245	0
E44	Kidney and Bulls Woods	509298	219125	0
E45	Kidney and Bulls Woods	509168	219339	0
E46	Kidney and Bulls Woods	509357	219423	0

Figure 6C.4 Ecological receptors used in modelling



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