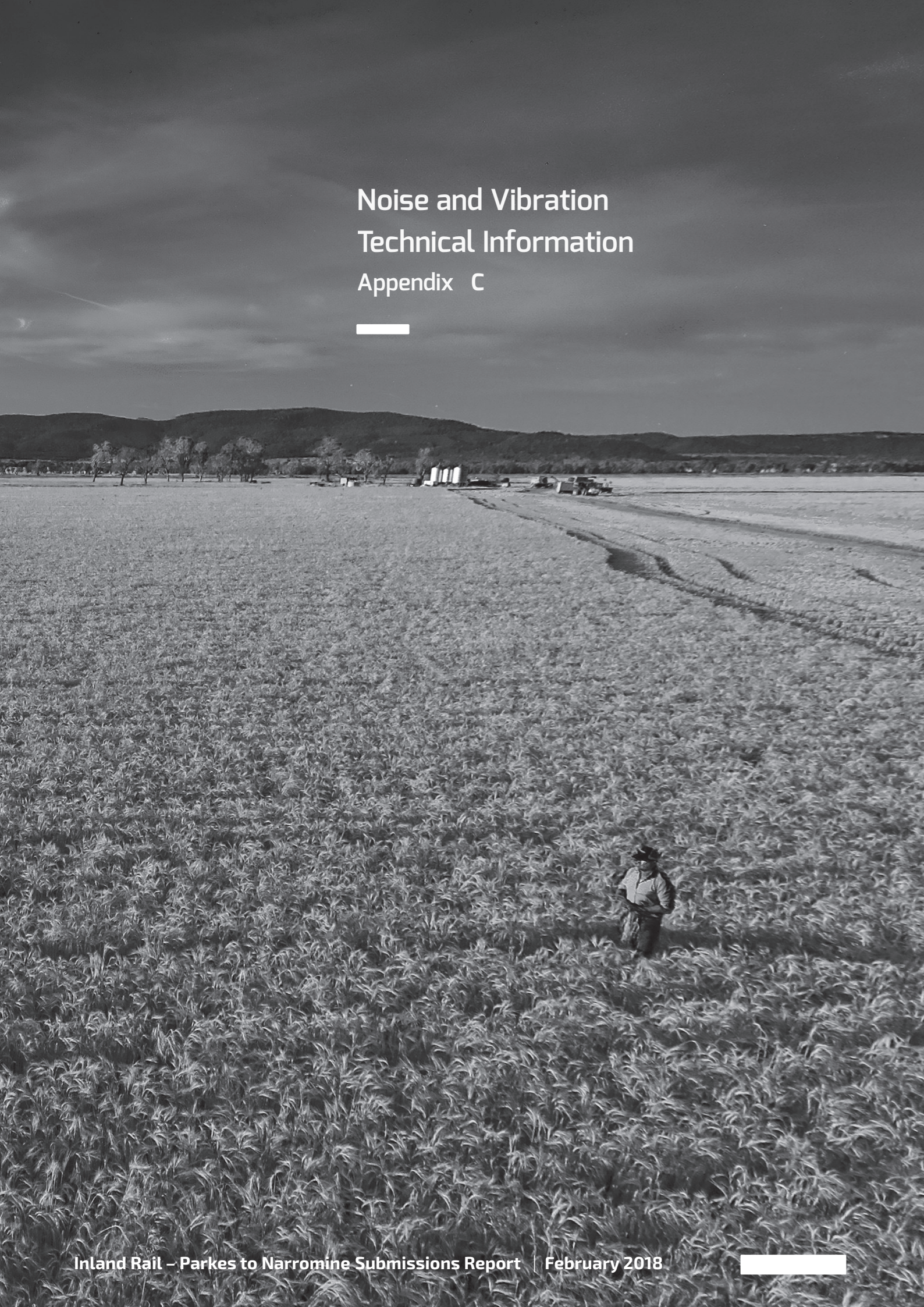




Noise and Vibration Technical Information Appendix C

Table C.1 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_EDUx0001	611919	6377926	31.5	26.7	20.7	16.7	31.5	31.5	26.5	0	0	0	2	38.0
P2N_EDUx0002	611638	6378217	33.5	28.9	22.9	19.8	33.5	32.4	28.5	0	0	0	0	39.8
P2N_EDUx0003	611742	6378144	32.6	27.6	21.7	18.7	32.6	31.8	27.6	0	0	0	0	38.9
P2N_HOSx0001	616743	6431996	31.4	28.2	22.3	0	31.3	0	26.4	0	0	0	0	36.9
P2N_REAx0001	611346	6378430	36.5	33	27.1	23.5	36	36.4	31.5	0	0	0	0	43.0
P2N_REAx0002	611300	6378535	36.6	33.5	27.6	24.5	36.6	36.7	31.6	0	0	0	0	43.3
P2N_REAx0003	610416	6378088	40.6	36.4	30.3	24.8	39.5	40	35.6	0	0	0	0	46.8
P2N_REAx0004	610279	6377995	37.3	33.3	27.3	23.3	36.4	36.8	32.3	0	0	0	0	43.6
P2N_REAx0005	616569	6432186	34.1	31	25.1	0	34	0	29.1	0	0	0	0	39.7
P2N_REAx0006	611481	6378802	33	29.9	23.9	23.2	32.9	32.9	28	0	0	0	0	39.7
P2N_REPx0001	611454	6378883	33	29.7	23.7	23.5	33	32.6	28	0	0	0	0	39.6
P2N_REPx0002	611356	6378274	37.2	32.6	26.7	22.4	36.4	36.3	32.2	0	0	0	1	43.3
P2N_Rx0001	606647	6331731	27.5	20.5	15.5	22.5	26.2	0	22.5	0	0	0	1	32.7
P2N_Rx0002	606824	6331821	27.5	20.4	15.4	22.4	26.2	0	22.5	0	0	0	0	32.7
P2N_Rx0003	606509	6331922	29.5	22.1	17.2	24.2	28.1	0	24.5	0	0	0	0	34.6
P2N_Rx0004	606894	6331933	27.9	20.6	15.7	22.7	26.6	0	22.9	0	0	0	0	33.1
P2N_Rx0005	607021	6332094	28.3	20.8	15.9	22.9	26.8	0	23.3	0	0	0	0	33.4
P2N_Rx0006	607856	6332157	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0007	607872	6332204	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0008	607071	6332296	29.1	21.5	16.6	23.6	27.6	0	24.1	0	0	0	0	34.2
P2N_Rx0009	607923	6332320	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0010	607907	6332332	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0011	607943	6332368	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0012	607953	6332425	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0013	607919	6332448	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0014	607899	6332458	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0015	607882	6332474	24.1	0	0	0	0	0	19.1	0	0	0	0	27.2
P2N_Rx0016	607953	6332486	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0017	607576	6332497	26.2	0	14.4	21.4	25	0	21.2	0	0	0	0	31.2
P2N_Rx0018	607886	6332497	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0019	607966	6332502	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0020	607843	6332515	24.5	0	0	0	23.4	0	19.5	0	0	0	0	29.0
P2N_Rx0021	607891	6332518	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0022	607979	6332519	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0023	607989	6332534	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0024	607846	6332536	24.5	0	0	0	23.4	0	19.5	0	0	0	0	29.0
P2N_Rx0025	607889	6332542	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0026	607805	6332554	24.8	0	0	0	23.7	0	19.8	0	0	0	0	29.3
P2N_Rx0027	607852	6332556	24.5	0	0	0	23.4	0	19.5	0	0	0	0	29.0
P2N_Rx0028	608001	6332557	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0029	607926	6332557	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0030	607906	6332564	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0031	607994	6332571	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0033	607852	6332578	24.5	0	0	0	23.5	0	19.5	0	0	0	0	29.0
P2N_Rx0034	607975	6332584	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0035	607814	6332591	24.8	0	0	0	23.7	0	19.8	0	0	0	0	29.3
P2N_Rx0036	607955	6332593	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0037	607930	6332599	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0038	607896	6332604	24.3	0	0	0	0	0	19.3	0	0	0	0	27.4
P2N_Rx0039	607910	6332606	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0040	607858	6332613	24.5	0	0	0	23.5	0	19.5	0	0	0	0	29.0
P2N_Rx0042	608006	6332629	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0043	607950	6332640	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0044	608021	6332650	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0045	607886	6332652	24.4	0	0	0	23.4	0	19.4	0	0	0	0	28.9
P2N_Rx0046	607911	6332653	24.3	0	0	0	0	0	19.3	0	0	0	0	27.4
P2N_Rx0047	607870	6332655	24.5	0	0	0	23.5	0	19.5	0	0	0	0	29.0
P2N_Rx0048	607963	6332657	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0049	608029	6332660	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0050	607853	6332664	24.6	0	0	0	23.6	0	19.6	0	0	0	0	29.1
P2N_Rx0051	607830	6332666	24.8	0	0	0	23.7	0	19.8	0	0	0	0	29.3
P2N_Rx0052	607812	6332668	24.9	0	0	0	23.9	0	19.9	0	0	0	0	29.4
P2N_Rx0053	607970	6332669	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0054	607794	6332671	25.1	0	0	0	24	0	20.1	0	0	0	0	29.6
P2N_Rx0055	607779	6332675	25.2	0	0	0	24.1	0	20.2	0	0	0	0	29.7
P2N_Rx0056	607760	6332677	25.3	0	0	0	24.2	0	20.3	0	0	0	0	29.8
P2N_Rx0057	607723	6332683	25.6	0	0	0	24.5	0	20.6	0	0	0	0	30.1
P2N_Rx0058	607727	6332698	25.6	0	0	0	24.5	0	20.6	0	0	0	0	30.1
P2N_Rx0059	608000	6332701	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0060	607983	6332705	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0061	607968	6332708	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0062	607839	6332708	24.8	0	0	0	23.8	0	19.8	0	0	0	0	29.3
P2N_Rx0063	607819	6332709	24.9	0	0	0	23.9	0	19.9	0	0	0	0	29.4
P2N_Rx0064	607946	6332710	24.1	0	0	0	0	0	19.1	0	0	0	0	27.2
P2N_Rx0065	607934	6332710	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0066	607730	6332715	25.5	0	0	0	24.5	0	20.5	0	0	0	0	30.0
P2N_Rx0067	607803	6332716	25	0	0	0	24	0	20	0	0	0	0	29.5
P2N_Rx0068	607787	6332723	25.2	0	0	0	24.1	0	20.2	0	0	0	0	29.7
P2N_Rx0069	607772	6332724	25.3	0	0	0	24.2	0	20.3	0	0	0	0	29.8
P2N_Rx0070	607736	6332733	25.5	0	0	0	24.4	0	20.5	0	0	0	0	30.0
P2N_Rx0071	608021	6332734	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0072	607997	6332742	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0073	608033	6332744	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0074	607978	6332746	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0075	607960	6332749	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0076	607736	6332753	25.6	0	0	0	24.5	0	20.6	0	0	0	0	30.1
P2N_Rx0077	607944	6332753	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0078	608044	6332760	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0080	607924	6332760	24.3	0	0	0	0	0	19.3	0	0	0	0	27.4
P2N_Rx0081	607834	6332762	24.9	0	0	0	23.9	0	19.9	0	0	0	0	29.4
P2N_Rx0082	607907	6332764	24.4	0	0	0	23.4	0	19.4	0	0	0	0	28.9
P2N_Rx0083	607781	6332765	25.3	0	0	0	24.2	0	20.3	0	0	0	0	29.8
P2N_Rx0084	607798	6332767	25.1	0	0	0	24.1	0	20.1	0	0	0	0	29.6
P2N_Rx0085	607739	6332768	25.6	0	0	0	24.5	0	20.6	0	0	0	0	30.1
P2N_Rx0086	607748	6332787	25.5	0	0	0	24.4	0	20.5	0	0	0	0	30.0
P2N_Rx0087	608005	6332797	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0088	607987	6332799	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0089	607967	6332801	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0090	607949	6332803	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0091	608025	6332804	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0092	607929	6332805	24.3	0	0	0	0	0	19.3	0	0	0	0	27.4
P2N_Rx0093	607897	6332806	24.5	0	0	0	23.5	0	19.5	0	0	0	0	29.0
P2N_Rx0094	607823	6332807	25	0	0	0	24	0	20	0	0	0	0	29.5
P2N_Rx0095	607912	6332807	24.4	0	0	0	23.4	0	19.4	0	0	0	0	28.9
P2N_Rx0097	607872	6332809	24.7	0	0	0	23.7	0	19.7	0	0	0	0	29.2
P2N_Rx0098	607796	6332811	25.2	0	0	0	24.2	0	20.2	0	0	0	0	29.7
P2N_Rx0099	607738	6332812	25.6	0	0	0	24.5	0	20.6	0	0	0	0	30.1
P2N_Rx0100	608044	6332813	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0101	607756	6332815	25.5	0	0	0	24.4	0	20.5	0	0	0	0	30.0
P2N_Rx0102	608005	6332859	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0103	607978	6332862	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx0104	607890	6332864	24.6	0	0	0	23.6	0	19.6	0	0	0	0	29.1
P2N_Rx0105	608020	6332868	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0106	607915	6332869	24.4	0	0	0	23.5	0	19.4	0	0	0	0	28.9
P2N_Rx0107	607834	6332870	25	0	0	0	24	0	20	0	0	0	0	29.5
P2N_Rx0108	607766	6332875	25.5	0	0	0	24.4	0	20.5	0	0	0	0	30.0
P2N_Rx0109	607693	6332875	26	0	14.4	21.4	24.9	0	21	0	0	0	0	31.0
P2N_Rx0110	607955	6332876	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0113	607805	6332878	25.2	0	0	0	24.2	0	20.2	0	0	0	0	29.7
P2N_Rx0114	607634	6332880	26.4	0	14.8	21.8	25.3	0	21.4	0	0	0	0	31.4
P2N_Rx0115	608057	6332881	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0116	607863	6332883	24.8	0	0	0	23.8	0	19.8	0	0	0	0	29.3
P2N_Rx0117	607652	6332884	26.3	0	14.7	21.7	25.2	0	21.3	0	0	0	0	31.3
P2N_Rx0118	608002	6332894	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0119	607699	6332902	26	0	14.4	21.4	24.9	0	21	0	0	0	0	31.0
P2N_Rx0120	607656	6332910	26.3	0	14.7	21.7	25.2	0	21.3	0	0	0	0	31.3

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0121	608055	6332912	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0122	607708	6332922	25.9	0	14.4	21.4	24.9	0	20.9	0	0	0	0	31.0
P2N_Rx0123	607970	6332927	24.1	0	0	0	0	0	19.1	0	0	0	0	27.2
P2N_Rx0124	608012	6332929	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0125	607660	6332930	26.3	0	14.7	21.7	25.2	0	21.3	0	0	0	0	31.3
P2N_Rx0126	607948	6332937	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0127	607666	6332946	26.2	0	14.7	21.7	25.2	0	21.2	0	0	0	0	31.3
P2N_Rx0128	608021	6332949	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0130	607937	6332949	24.3	0	0	0	23.4	0	19.3	0	0	0	0	28.8
P2N_Rx0131	607709	6332957	25.9	0	14.4	21.4	24.9	0	20.9	0	0	0	0	31.0
P2N_Rx0132	608068	6332963	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0133	607660	6332964	26.3	0	14.8	21.8	25.2	0	21.3	0	0	0	0	31.4
P2N_Rx0134	608039	6332966	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0135	608001	6332967	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0136	607943	6332975	24.3	0	0	0	23.4	0	19.3	0	0	0	0	28.8
P2N_Rx0137	607959	6332991	24.2	0	0	0	0	0	19.2	0	0	0	0	27.3
P2N_Rx0138	608013	6332992	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0139	608027	6333005	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0140	607971	6333018	24.1	0	0	0	0	0	19.1	0	0	0	0	27.2
P2N_Rx0141	608066	6333019	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0142	608049	6333027	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0143	608033	6333047	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0144	607237	6333047	29.8	22.7	17.8	24.8	28.6	0	24.8	0	0	0	0	35.0
P2N_Rx0145	608003	6333061	23.9	0	0	0	0	0	18.9	0	0	0	0	27.0
P2N_Rx0146	607946	6333079	24.3	0	0	0	23.4	0	19.3	0	0	0	0	28.8
P2N_Rx0147	607770	6333079	25.5	0	0	0	24.5	0	20.5	0	0	0	0	30.0
P2N_Rx0148	607790	6333089	25.3	0	0	0	24.4	0	20.3	0	0	0	0	29.8
P2N_Rx0149	608055	6333092	23.6	0	0	0	0	0	18.6	0	0	0	0	26.7
P2N_Rx0150	607964	6333098	24.1	0	0	0	0	0	19.1	0	0	0	0	27.2
P2N_Rx0151	607805	6333106	25.2	0	0	0	24.3	0	20.2	0	0	0	0	29.7
P2N_Rx0152	608038	6333107	23.7	0	0	0	0	0	18.7	0	0	0	0	26.8
P2N_Rx0153	607741	6333111	25.7	0	14.4	21.4	24.7	0	20.7	0	0	0	0	30.8
P2N_Rx0154	607937	6333113	24.3	0	0	0	23.4	0	19.3	0	0	0	0	28.8
P2N_Rx0155	608017	6333119	23.8	0	0	0	0	0	18.8	0	0	0	0	26.9
P2N_Rx0156	607910	6333123	24.5	0	0	0	23.6	0	19.5	0	0	0	0	29.0
P2N_Rx0157	607816	6333129	25.1	0	0	0	24.2	0	20.1	0	0	0	0	29.6
P2N_Rx0158	607757	6333138	25.5	0	0	0	24.6	0	20.5	0	0	0	0	30.0
P2N_Rx0159	607769	6333148	25.5	0	0	0	24.5	0	20.5	0	0	0	0	30.0
P2N_Rx0160	607825	6333152	25.1	0	0	0	24.2	0	20.1	0	0	0	0	29.6
P2N_Rx0161	608060	6333156	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0162	607787	6333174	25.3	0	0	0	24.4	0	20.3	0	0	0	0	29.8
P2N_Rx0163	607862	6333174	24.8	0	0	0	23.9	0	19.8	0	0	0	0	29.3

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0164	607938	6333184	24.3	0	0	0	23.4	0	19.3	0	0	0	0	28.8
P2N_Rx0165	607914	6333199	24.4	0	0	0	23.6	0	19.4	0	0	0	0	28.9
P2N_Rx0166	607805	6333207	25.2	0	0	0	24.3	0	20.2	0	0	0	0	29.7
P2N_Rx0167	607795	6333223	25.2	0	0	0	24.4	0	20.2	0	0	0	0	29.7
P2N_Rx0168	607858	6333235	24.8	0	0	0	23.9	0	19.8	0	0	0	0	29.3
P2N_Rx0169	607838	6333265	24.9	0	0	0	24.1	0	19.9	0	0	0	0	29.4
P2N_Rx0170	607718	6333285	25.7	0	14.6	21.6	24.8	0	20.7	0	0	0	0	30.9
P2N_Rx0171	607800	6333288	25.1	0	0	0	24.3	0	20.1	0	0	0	0	29.6
P2N_Rx0172	607778	6333298	25.3	0	0	0	24.4	0	20.3	0	0	0	0	29.8
P2N_Rx0173	606281	6333424	39.8	32.8	28.7	35.6	39.7	0	34.8	0	0	0	0	45.4
P2N_Rx0174	606039	6333589	40.5	36.5	31.6	38.5	39.6	0	35.5	0	0	0	0	46.5
P2N_Rx0175	607668	6334133	23.8	0	0	0	23.5	0	18.8	0	0	0	0	28.5
P2N_Rx0176	607443	6334195	24.7	20.5	15	21.9	24.5	0	19.7	0	0	0	0	30.7
P2N_Rx0177	607620	6334277	23.5	0	0	0	0	0	18.5	0	0	0	0	26.6
P2N_Rx0178	606440	6334316	29.3	26.3	20.2	27.2	29.2	0	24.3	0	0	0	0	35.6
P2N_Rx0179	607234	6334389	24.8	21.2	15.5	22.4	24.7	0	19.8	0	0	0	0	30.9
P2N_Rx0180	606556	6334456	27.7	24.7	18.6	25.6	27.7	0	22.7	0	0	0	0	34.0
P2N_Rx0181	605642	6334456	36.9	29.5	20.8	27.7	33.9	0	31.9	29.6	33.6	29.6	0	41.4
P2N_Rx0182	607024	6334514	25.1	21.8	16	23	25	0	20.1	0	0	0	0	31.3
P2N_Rx0183	605417	6334604	39.6	33.1	19.1	26.1	37	0	34.6	31.2	35.2	31.2	0	44.1
P2N_Rx0184	607132	6334625	24	20.8	15	21.9	24	0	19	0	0	0	0	30.3
P2N_Rx0185	605390	6334678	39.4	33.8	18.5	25.4	37.7	0	34.4	31.8	35.8	31.8	0	44.2
P2N_Rx0186	606509	6334826	26.6	22.6	16.4	23.4	26.1	0	21.6	0	0	0	0	32.5
P2N_Rx0187	606439	6334927	26.8	22.9	16	22.9	26.1	0	21.8	20.8	24.8	20.8	0	32.5
P2N_Rx0188	605085	6335096	41.8	38.1	14.9	21.9	40.2	0	36.8	36	40	36	0	46.8
P2N_Rx0189	605855	6335140	30.6	27.5	15.4	22.4	30.6	0	25.6	31.6	35.6	31.6	0	36.2
P2N_Rx0190	606751	6335264	23.8	20.5	0	0	23.6	0	18.8	0	0	0	0	29.2
P2N_Rx0191	606632	6335392	24.1	21	0	0	24.1	0	19.1	0	0	0	0	29.5
P2N_Rx0192	606037	6335405	28.1	25.1	0	0	28.1	0	23.1	31.3	35.3	31.3	0	33.5
P2N_Rx0193	606091	6335446	27.5	24.5	0	0	27.5	0	22.5	31.1	35.1	31.1	0	32.9
P2N_Rx0194	603678	6335637	33.2	30.3	0	0	33	0	28.2	39.2	43.2	39.2	0	38.6
P2N_Rx0195	603391	6335737	30.7	27.3	0	0	30.5	0	25.7	36.7	40.7	36.7	0	36.0
P2N_Rx0196	604200	6335810	43.8	40.8	0	0	42.6	0	38.8	48.7	52.7	48.7	0	48.9
P2N_Rx0197	604109	6335849	41.5	38.2	0	0	41.2	0	36.5	47.4	51.4	47.4	0	46.8
P2N_Rx0198	606166	6335910	25.7	22.4	0	0	25	0	20.7	31.2	35.2	31.2	0	30.9
P2N_Rx0199	603613	6335917	33.5	29.8	0	0	33.3	0	28.5	39.5	43.5	39.5	0	38.8
P2N_Rx0200	606348	6336046	24.3	21.1	0	0	23.8	0	19.3	30	34	30	0	29.6
P2N_Rx0201	603442	6336202	32.3	27.3	0	0	31.9	0	27.3	37.5	41.5	37.5	0	37.4
P2N_Rx0202	605719	6336662	27.5	23.9	0	0	27.3	0	22.5	33.5	37.5	33.5	0	32.8
P2N_Rx0203	603335	6336953	33.5	27.9	0	0	33.1	0	28.5	33.6	37.6	33.6	0	38.5
P2N_Rx0204	605018	6337152	32.7	26.1	0	0	32.7	0	27.7	34.9	38.9	34.9	0	37.8
P2N_Rx0205	604431	6337320	41.6	32.7	0	0	39	0	36.6	34.7	38.7	34.7	0	45.9

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0206	602580	6337450	27.4	24.4	0	0	27.4	0	22.4	0	0	0	0	32.8
P2N_Rx0207	605121	6337526	30.5	26.4	0	0	30.1	0	25.5	31.9	35.9	31.9	0	35.7
P2N_Rx0208	606000	6337667	23.6	0	0	0	23.5	0	18.6	0	0	0	0	28.4
P2N_Rx0209	604305	6337785	41.9	38.9	0	0	41.3	0	36.9	31.1	35.1	31.1	0	47.2
P2N_Rx0210	603315	6337945	36	32.5	0	0	35.7	0	31	23.4	27.4	23.4	0	41.3
P2N_Rx0211	605270	6338406	28.2	24.1	0	0	28.1	0	23.2	0	0	0	0	33.5
P2N_Rx0212	604944	6340546	31.1	25.1	19.1	0	30.7	0	26.1	0	0	0	0	36.2
P2N_Rx0213	603861	6341031	57.8	34	28.1	0	44.9	0	52.8	0	0	0	0	60.9
P2N_Rx0214	602852	6342583	27.1	23.1	17.1	0	26.8	0	22.1	0	0	0	0	32.5
P2N_Rx0215	606651	6343542	24.1	20.5	14.5	0	23.7	31.8	19.1	0	0	0	0	33.8
P2N_Rx0216	606505	6344336	26.2	22.9	16.9	0	25.9	33.9	21.2	0	0	0	0	35.9
P2N_Rx0217	603830	6344706	30.6	27.3	21.3	18.4	30.3	27.8	25.6	0	0	0	0	36.7
P2N_Rx0218	605715	6346443	32.5	21.6	22.1	22	31.4	33.8	27.5	0	0	0	0	38.9
P2N_Rx0219	606441	6346807	27.2	21.9	18.2	18.2	26.7	24.5	22.2	0	0	0	0	33.2
P2N_Rx0220	606170	6347482	31.6	27.6	21.4	21.6	31.6	30.2	26.6	0	0	0	0	38.0
P2N_Rx0221	608548	6350610	25.1	0	15.2	15.2	24.6	0	20.1	0	0	0	0	30.0
P2N_Rx0222	608620	6350985	26.2	0	15	16	26.2	0	21.2	0	0	0	0	31.2
P2N_Rx0223	606554	6351255	44.2	0	35.1	34.9	43.7	0	39.2	0	0	0	0	49.2
P2N_Rx0224	610158	6353174	26.4	0	17	16.9	26.4	0	21.4	0	0	0	0	31.5
P2N_Rx0225	608310	6354624	33.7	22.1	23.9	23.9	33.5	29.4	28.7	0	0	0	0	39.3
P2N_Rx0226	607928	6355010	28.2	21.1	19	19	28	25.6	23.2	0	0	0	0	34.2
P2N_Rx0227	610796	6355250	29.8	26.4	20.4	15.2	29.4	34.1	24.8	0	0	0	0	37.7
P2N_Rx0228	608678	6357223	30.1	21.3	15.7	15.7	24.7	33.9	25.1	0	0	0	0	37.0
P2N_Rx0229	611639	6357281	24.4	0	0	0	0	27.8	19.4	0	0	0	0	30.6
P2N_Rx0230	610805	6357330	31.4	0	17.8	17.8	26.8	33.8	26.4	0	0	0	0	37.6
P2N_Rx0231	608524	6359518	27.1	0	17.8	17.8	27.1	23.9	22.1	0	0	0	0	32.8
P2N_Rx0232	610703	6360044	35.3	22.9	26.1	26.1	35.2	0	30.3	0	0	0	0	40.5
P2N_Rx0233	610606	6360125	36.9	23.6	27.9	27.8	36.6	0	31.9	0	0	0	0	42.0
P2N_Rx0234	609342	6360451	34.7	24	25.6	25.5	34.5	0	29.7	0	0	0	0	39.9
P2N_Rx0235	609240	6361599	31.9	28.1	22.1	17.2	31	0	26.9	0	0	0	0	37.2
P2N_Rx0236	611545	6361985	34	25	19	14.9	31.3	28.7	29	0	0	0	0	38.8
P2N_Rx0237	612965	6364201	39.5	0	22.7	22.6	39.5	31.1	34.5	0	0	0	0	44.5
P2N_Rx0238	610781	6364374	27.9	0	18.4	18.4	27.4	27.7	22.9	0	0	0	0	34.0
P2N_Rx0239	610715	6366575	24	0	15	15	0	0	19	0	0	0	0	27.5
P2N_Rx0240	612174	6368440	34	0	21.9	21.9	31	0	29	0	0	0	0	38.2
P2N_Rx0241	614115	6369946	38.9	25.7	30	29.9	36.2	0	33.9	0	0	0	0	43.4
P2N_Rx0242	613292	6371054	38.8	35.3	29.3	22.2	38.6	0	33.8	0	0	0	0	44.3
P2N_Rx0243	614688	6371091	32.4	29.2	23.3	17.9	32.2	0	27.4	0	0	0	0	38.0
P2N_Rx0244	614476	6371198	35	32	26	19.8	34.8	0	30	0	0	0	0	40.6
P2N_Rx0245	614564	6371224	33.8	30.7	24.8	19.3	33.6	0	28.8	0	0	0	0	39.4
P2N_Rx0246	615203	6371286	27.5	24.3	18.4	15.4	27.2	0	22.5	0	0	0	0	33.1
P2N_Rx0247	614555	6371337	33.9	30.6	24.7	20	33.4	0	28.9	0	0	0	0	39.4

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0248	613680	6371376	56.6	42.4	36.9	26.4	43.6	0	51.6	0	0	0	0	59.8
P2N_Rx0249	614439	6371440	35.3	31.7	25.7	21.4	34.3	0	30.3	0	0	0	0	40.6
P2N_Rx0250	614163	6371760	38.4	31.8	26.2	26.2	34.1	0	33.4	0	0	0	0	42.7
P2N_Rx0251	613931	6371790	43.6	32.7	30	30	34.9	0	38.6	0	0	0	0	47.2
P2N_Rx0252	614459	6371825	33.7	28.8	22.8	22.8	31.3	0	28.7	0	0	0	0	38.6
P2N_Rx0253	614993	6371877	28.3	24.5	18.5	18	27.2	0	23.3	0	0	0	0	33.6
P2N_Rx0254	614021	6371901	40.2	30.9	29.2	29.2	34.2	0	35.2	0	0	0	0	44.2
P2N_Rx0255	614088	6372224	36.7	27.2	27.8	27.7	35.1	0	31.7	0	0	0	0	41.6
P2N_Rx0256	614826	6372748	27.1	20.9	18	17.9	27	0	22.1	0	0	0	0	32.5
P2N_Rx0257	614819	6373310	25.6	0	15.6	15.5	25.5	0	20.6	0	0	0	0	30.6
P2N_Rx0258	612931	6373361	43.4	28.6	22.7	18.1	43.3	0	38.4	0	0	0	0	48.2
P2N_Rx0259	612899	6373701	37.5	30.9	25	15.7	37.1	0	32.5	0	0	0	0	42.5
P2N_Rx0260	612090	6374070	61.9	47.7	42.4	0	42.4	0	56.9	0	0	0	0	65.0
P2N_Rx0261	612600	6374506	37.4	31.8	25.9	0	34.4	0	32.4	0	0	0	0	41.9
P2N_Rx0262	612922	6375599	29.2	21.5	15.5	0	28.9	0	24.2	0	0	0	0	34.2
P2N_Rx0263	610395	6375742	29.9	23.6	17.6	0	29.8	24.4	24.9	0	0	0	0	35.4
P2N_Rx0264	613204	6376034	25.9	0	0	0	25.9	0	20.9	0	0	0	0	30.7
P2N_Rx0265	611833	6376087	41.9	26.2	20.2	0	41.9	26.1	36.9	0	0	0	0	46.8
P2N_Rx0266	612811	6376199	28.4	21	15	0	28.3	0	23.4	0	0	0	0	33.5
P2N_Rx0267	612869	6376491	27.2	21.4	15.4	0	27.2	0	22.2	0	0	0	0	32.4
P2N_Rx0268	612538	6376549	29.7	23.8	17.8	0	29.5	25	24.7	0	0	0	0	35.3
P2N_Rx0269	611665	6376614	41.6	31.9	25.9	0	39.4	30.7	36.6	0	0	0	0	46.1
P2N_Rx0270	609733	6376902	27.6	24.5	18.5	0	27.4	27.4	22.6	0	0	0	0	34.2
P2N_Rx0271	610063	6377008	30.7	27.5	21.6	14.8	30.5	30.4	25.7	0	0	0	0	37.2
P2N_Rx0272	611077	6377096	65.2	58.5	55.7	15.4	42.1	41.2	60.2	0	0	0	0	68.9
P2N_Rx0273	611498	6377145	41.2	38.1	32.2	14.6	38.9	37.3	36.2	0	0	0	0	46.8
P2N_Rx0274	611371	6377188	44.4	41.3	35.4	15.2	40.4	39.8	39.4	0	0	0	0	49.7
P2N_Rx0275	611434	6377225	42.1	39	33.1	15.3	39.6	39.1	37.1	0	0	0	0	47.8
P2N_Rx0276	611596	6377265	38.2	35.2	29.3	15	37	36.7	33.2	0	0	0	0	44.3
P2N_Rx0277	611804	6377268	35	32	26	0	34.1	33.8	30	0	0	0	0	41.2
P2N_Rx0278	611828	6377278	34.6	31.6	25.6	0	33.8	33.5	29.6	0	0	0	0	40.9
P2N_Rx0279	611849	6377284	34.3	31.3	25.3	0	33.5	33.3	29.3	0	0	0	0	40.6
P2N_Rx0280	611865	6377288	34.1	31.1	25.1	0	33.3	33.1	29.1	0	0	0	0	40.4
P2N_Rx0281	611198	6377287	53	42.9	37.3	16.3	46.9	45.6	48	0	0	0	0	57.1
P2N_Rx0282	611899	6377300	33.6	30.6	24.6	0	32.9	32.7	28.6	0	0	0	0	39.9
P2N_Rx0283	611167	6377310	56.2	42.2	36.7	16.6	49	47.3	51.2	0	0	0	0	59.9
P2N_Rx0284	612085	6377361	31.3	28.3	22.4	0	30.9	30.8	26.3	0	0	0	0	37.8
P2N_Rx0285	611222	6377410	49.3	38.7	32.9	17.1	48.7	47.9	44.3	0	0	0	0	55.0
P2N_Rx0286	611803	6377544	34.1	30.3	24.4	15.6	34.1	34.1	29.1	0	0	0	0	40.7
P2N_Rx0287	611178	6377571	49.4	35.2	29.5	18.4	48.8	49.5	44.4	0	0	0	0	55.4
P2N_Rx0288	612000	6377578	31.7	28.2	22.3	14.8	31.7	31.7	26.7	0	0	0	0	38.3
P2N_Rx0289	611271	6377598	44.6	34.4	28.6	18.2	44.3	44.7	39.6	0	0	0	0	50.7

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0290	611788	6377605	34.2	30	24.1	15.9	34.2	34.1	29.2	0	0	0	0	40.7
P2N_Rx0291	612182	6377621	29.8	26.4	20.5	0	29.8	29.8	24.8	0	0	0	0	36.4
P2N_Rx0292	612292	6377631	28.8	25.5	19.6	0	28.8	28.8	23.8	0	0	0	0	35.4
P2N_Rx0293	611896	6377638	32.7	28.8	22.8	15.6	32.7	32.7	27.7	0	0	0	0	39.3
P2N_Rx0294	611328	6377680	42	32.9	27	18.5	42	41.9	37	0	0	0	0	48.2
P2N_Rx0295	611572	6377694	36.9	31.1	25.2	17.5	36.9	37	31.9	0	0	0	0	43.3
P2N_Rx0296	611756	6377698	34.3	29.6	23.6	16.6	34.2	34.3	29.3	0	0	0	0	40.8
P2N_Rx0297	610871	6377720	57.5	32	26.2	20.5	49.2	44.3	52.5	0	0	0	0	60.9
P2N_Rx0298	611926	6377724	32.1	28	22	15.8	32.1	32.2	27.1	0	0	0	0	38.7
P2N_Rx0299	611664	6377733	35.3	30	24	17.2	35.3	35.4	30.3	0	0	0	0	41.7
P2N_Rx0300	611748	6377737	34.2	29.3	23.3	16.8	34.1	34.2	29.2	0	0	0	0	40.6
P2N_Rx0301	611740	6377767	34.2	29.1	23.2	17	34.1	34.2	29.2	0	0	0	0	40.6
P2N_Rx0302	610420	6377767	38.4	31.7	25.7	21.2	38.3	35.6	33.4	0	0	0	0	44.2
P2N_Rx0303	611884	6377771	32.4	28	22	16.2	32.4	32.5	27.4	0	0	0	0	38.9
P2N_Rx0304	610121	6377787	34	29.8	23.7	20.7	33.8	33.2	29	0	0	0	0	40.3
P2N_Rx0305	611837	6377792	32.9	28.2	22.2	16.6	32.9	32.9	27.9	0	0	0	0	39.4
P2N_Rx0306	611716	6377818	34.3	28.8	22.9	17.4	34.2	34.2	29.3	0	0	0	0	40.7
P2N_Rx0307	611946	6377832	31.6	27.1	21.2	16.2	31.5	31.6	26.6	0	0	0	0	38.1
P2N_Rx0308	611771	6377832	33.5	28.3	22.4	17.1	33.5	33.5	28.5	0	0	0	0	39.9
P2N_Rx0309	611711	6377834	34.2	28.7	22.8	17.5	34.2	34.2	29.2	0	0	0	0	40.6
P2N_Rx0310	611416	6377844	38.8	30.3	24.4	19.2	38.4	38.1	33.8	0	0	0	0	44.8
P2N_Rx0311	611702	6377855	34.3	28.6	22.7	17.6	34.3	34.2	29.3	0	0	0	0	40.7
P2N_Rx0312	611766	6377855	33.5	28.2	22.2	17.3	33.5	33.5	28.5	0	0	0	0	39.9
P2N_Rx0313	611915	6377857	31.8	27.2	21.2	16.4	31.8	31.8	26.8	0	0	0	0	38.3
P2N_Rx0314	611851	6377866	32.5	27.5	21.6	16.8	32.4	32.4	27.5	0	0	0	0	38.9
P2N_Rx0315	611695	6377873	34.3	28.5	22.6	17.8	34.2	34.2	29.3	0	0	0	0	40.6
P2N_Rx0316	611770	6377874	33.3	28	22.1	17.3	33.3	33.3	28.3	0	0	0	0	39.7
P2N_Rx0317	611839	6377880	32.5	27.5	21.5	17	32.5	32.5	27.5	0	0	0	0	39.0
P2N_Rx0318	611685	6377890	34.3	28.4	22.5	17.9	34.3	34.2	29.3	0	0	0	0	40.7
P2N_Rx0319	611820	6377890	32.7	27.6	21.6	17.1	32.7	32.7	27.7	0	0	0	0	39.1
P2N_Rx0320	611752	6377894	33.5	28	22	17.5	33.4	33.4	28.5	0	0	0	0	39.9
P2N_Rx0321	612451	6377894	27	23.4	17.4	0	27	27	22	0	0	0	0	33.6
P2N_Rx0322	611251	6377908	41.9	31.4	25.4	20.6	41.6	39.1	36.9	0	0	0	0	47.4
P2N_Rx0323	610790	6377918	55.7	35.2	29.2	22.6	52.8	39.9	50.7	0	0	0	0	59.8
P2N_Rx0324	611748	6377912	33.5	27.8	21.9	17.7	33.4	33.3	28.5	0	0	0	0	39.8
P2N_Rx0325	611686	6377912	34.2	28.2	22.3	18	34.1	34	29.2	0	0	0	0	40.5
P2N_Rx0326	611310	6377917	40.4	30.9	24.9	20.3	40.2	38.4	35.4	0	0	0	0	46.1
P2N_Rx0327	611242	6377926	42	31.7	25.7	20.7	41.8	38.9	37	0	0	0	0	47.5
P2N_Rx0328	611822	6377934	32.5	27.2	21.2	17.3	32.5	32.4	27.5	0	0	0	0	38.9
P2N_Rx0329	611303	6377935	40.4	31.1	25.2	20.5	40.3	38.2	35.4	0	0	0	0	46.1
P2N_Rx0330	612027	6377941	30.4	25.9	19.9	16.1	30.4	30.4	25.4	0	0	0	0	36.9
P2N_Rx0331	611377	6377945	38.8	30.4	24.5	20.1	38.6	37.2	33.8	0	0	0	0	44.6

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0332	611237	6377948	42	31.9	26	20.9	41.9	38.6	37	0	0	0	0	47.5
P2N_Rx0333	611742	6377949	33.4	27.6	21.6	17.9	33.3	33.1	28.4	0	0	0	0	39.7
P2N_Rx0334	611805	6377955	32.6	27.2	21.2	17.5	32.6	32.5	27.6	0	0	0	0	39.0
P2N_Rx0335	611301	6377955	40.3	31.3	25.4	20.6	40.2	37.9	35.3	0	0	0	0	46.0
P2N_Rx0336	612029	6377963	30.3	25.7	19.8	16.2	30.3	30.3	25.3	0	0	0	0	36.8
P2N_Rx0337	611233	6377964	41.9	32.1	26.2	21.1	41.9	38.3	36.9	0	0	0	0	47.4
P2N_Rx0338	611379	6377967	38.7	30.6	24.6	20.2	38.5	36.9	33.7	0	0	0	0	44.5
P2N_Rx0339	611727	6377969	33.5	27.5	21.5	18.1	33.3	33.2	28.5	0	0	0	0	39.8
P2N_Rx0340	611462	6377972	37.2	29.7	23.8	19.7	37	36	32.2	0	0	0	0	43.2
P2N_Rx0341	611805	6377973	32.6	27	21.1	17.6	32.5	32.4	27.6	0	0	0	0	38.9
P2N_Rx0342	611375	6377981	38.6	30.7	24.8	20.3	38.6	36.8	33.6	0	0	0	0	44.5
P2N_Rx0343	612011	6377982	30.4	25.7	19.7	16.4	30.4	30.4	25.4	0	0	0	0	36.9
P2N_Rx0344	611300	6377984	40.1	31.6	25.6	20.8	40.1	37.4	35.1	0	0	0	0	45.8
P2N_Rx0345	611225	6377984	41.9	32.4	26.5	21.3	41.9	38	36.9	0	0	0	0	47.4
P2N_Rx0346	611513	6377990	36.2	29.3	23.4	19.5	36.1	35.2	31.2	0	0	0	0	42.3
P2N_Rx0347	611285	6377995	40.4	31.8	25.9	21	40.4	37.4	35.4	0	0	0	0	46.1
P2N_Rx0348	611422	6377996	37.7	30.3	24.4	20.1	37.6	36.1	32.7	0	0	0	0	43.6
P2N_Rx0349	612005	6377998	30.4	25.6	19.7	16.5	30.4	30.3	25.4	0	0	0	0	36.9
P2N_Rx0350	611942	6377999	31	26	20	16.8	31	30.9	26	0	0	0	0	37.4
P2N_Rx0351	611367	6378000	38.7	30.9	25	20.5	38.6	36.6	33.7	0	0	0	0	44.5
P2N_Rx0352	611219	6378002	41.9	32.7	26.7	21.5	41.9	37.7	36.9	0	0	0	0	47.4
P2N_Rx0353	611802	6378005	32.5	26.8	20.8	17.8	32.3	32.2	27.5	0	0	0	0	38.8
P2N_Rx0354	611566	6378005	35.4	28.9	22.9	19.3	35.3	34.5	30.4	0	0	0	0	41.5
P2N_Rx0355	611504	6378008	36.3	29.5	23.6	19.7	36.2	35.1	31.3	0	0	0	0	42.3
P2N_Rx0356	611274	6378013	40.5	32.1	26.2	21.2	40.5	37.2	35.5	0	0	0	0	46.1
P2N_Rx0357	612005	6378016	30.4	25.5	19.6	16.5	30.3	30.3	25.4	0	0	0	0	36.8
P2N_Rx0358	611938	6378019	31	25.9	19.9	16.9	30.9	30.8	26	0	0	0	0	37.4
P2N_Rx0359	611355	6378025	38.7	31.3	25.3	20.8	38.7	36.3	33.7	0	0	0	0	44.5
P2N_Rx0360	611502	6378027	36.2	29.6	23.7	19.8	36.2	35	31.2	0	0	0	0	42.3
P2N_Rx0361	611209	6378028	42	33	27.1	21.7	41.9	37.4	37	0	0	0	0	47.4
P2N_Rx0362	611787	6378030	32.5	26.9	20.9	18	32.4	32.2	27.5	0	0	0	0	38.8
P2N_Rx0363	611561	6378030	35.3	29	23.1	19.4	35.3	34.3	30.3	0	0	0	0	41.4
P2N_Rx0364	611270	6378034	40.4	32.3	26.4	21.4	40.4	36.9	35.4	0	0	0	0	46.0
P2N_Rx0365	611640	6378036	34.3	28.3	22.3	18.9	34.2	33.5	29.3	0	0	0	0	40.5
P2N_Rx0366	611996	6378036	30.4	25.5	19.5	16.7	30.3	30.3	25.4	0	0	0	0	36.8
P2N_Rx0367	611934	6378039	31	25.8	19.8	17.1	30.9	30.8	26	0	0	0	0	37.4
P2N_Rx0368	611348	6378039	38.8	31.4	25.5	20.9	38.8	36.2	33.8	0	0	0	0	44.6
P2N_Rx0369	611416	6378041	37.5	30.7	24.7	20.5	37.5	35.6	32.5	0	0	0	0	43.4
P2N_Rx0370	611134	6378045	44	34.2	28.2	22.3	43.6	38.6	39	0	0	0	0	49.2
P2N_Rx0371	611493	6378045	36.3	29.8	23.9	20	36.2	34.8	31.3	0	0	0	0	42.3
P2N_Rx0372	611565	6378051	35.2	29.1	23.1	19.5	35.2	34.1	30.2	0	0	0	0	41.3
P2N_Rx0373	610945	6378052	55.3	36.7	30.7	23.5	48.2	41.8	50.3	0	0	0	0	58.8

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0374	611991	6378058	30.4	25.3	19.4	16.8	30.3	30.2	25.4	0	0	0	0	36.8
P2N_Rx0375	611342	6378058	38.8	31.6	25.7	21.1	38.7	36	33.8	0	0	0	0	44.6
P2N_Rx0376	611405	6378059	37.6	30.9	24.9	20.7	37.6	35.5	32.6	0	0	0	0	43.5
P2N_Rx0377	611924	6378059	31	25.8	19.8	17.2	30.9	30.8	26	0	0	0	0	37.4
P2N_Rx0378	611486	6378064	36.3	30	24.1	20.1	36.3	34.7	31.3	0	0	0	0	42.3
P2N_Rx0379	611550	6378065	35.3	29.3	23.4	19.7	35.3	34.1	30.3	0	0	0	0	41.4
P2N_Rx0380	610781	6378068	63.4	38.5	32.5	24.3	45.9	44.1	58.4	0	0	0	0	66.5
P2N_Rx0381	611195	6378067	42	33.6	27.6	22.1	41.7	37.8	37	0	0	0	0	47.4
P2N_Rx0382	611333	6378072	38.8	31.8	25.9	21.2	38.8	35.9	33.8	0	0	0	0	44.6
P2N_Rx0383	611402	6378079	37.5	31	25.1	20.8	37.5	35.2	32.5	0	0	0	0	43.4
P2N_Rx0384	611247	6378084	40.6	33.1	27.1	21.9	40.3	37.2	35.6	0	0	0	0	46.2
P2N_Rx0385	611479	6378085	36.3	30.2	24.2	20.3	36.3	34.5	31.3	0	0	0	0	42.3
P2N_Rx0386	611260	6378090	40.2	32.9	27	21.9	40	37	35.2	0	0	0	0	45.9
P2N_Rx0387	611279	6378090	39.8	32.7	26.7	21.8	39.6	36.7	34.8	0	0	0	0	45.5
P2N_Rx0388	611992	6378091	30.2	25.3	19.3	16.9	30.1	30	25.2	0	0	0	0	36.6
P2N_Rx0389	611392	6378095	37.6	31.3	25.3	21	37.6	35.1	32.6	0	0	0	0	43.5
P2N_Rx0390	611331	6378098	38.7	32.1	26.1	21.4	38.6	36	33.7	0	0	0	0	44.5
P2N_Rx0391	611533	6378104	35.4	29.7	23.7	20	35.4	33.9	30.4	0	0	0	0	41.5
P2N_Rx0392	611478	6378106	36.2	30.3	24.3	20.4	36.2	34.3	31.2	0	0	0	0	42.2
P2N_Rx0393	611616	6378110	34.2	28.8	22.8	19.5	34.2	33.1	29.2	0	0	0	0	40.4
P2N_Rx0394	611137	6378115	43.1	34.9	29	22.9	42.1	39.3	38.1	0	0	0	0	48.4
P2N_Rx0395	611465	6378116	36.3	30.5	24.5	20.6	36.3	34.3	31.3	0	0	0	0	42.3
P2N_Rx0396	611323	6378116	38.7	32.3	26.3	21.6	38.6	36.2	33.7	0	0	0	0	44.5
P2N_Rx0397	611176	6378117	42	34.3	28.4	22.7	41.3	38.6	37	0	0	0	0	47.5
P2N_Rx0398	611526	6378120	35.4	29.8	23.9	20.2	35.4	33.8	30.4	0	0	0	0	41.5
P2N_Rx0399	611607	6378129	34.3	29	23	19.6	34.3	33	29.3	0	0	0	0	40.5
P2N_Rx0400	611171	6378132	42	34.6	28.6	22.8	41.1	38.9	37	0	0	0	0	47.5
P2N_Rx0401	611372	6378135	37.7	31.8	25.8	21.4	37.6	35.6	32.7	0	0	0	0	43.7
P2N_Rx0402	611407	6378137	37.1	31.3	25.4	21.2	37	35.1	32.1	0	0	0	0	43.1
P2N_Rx0403	611462	6378139	36.2	30.6	24.7	20.8	36.2	34.4	31.2	0	0	0	0	42.3
P2N_Rx0404	611084	6378143	44.5	36.1	30.2	23.6	42.5	40.7	39.5	0	0	0	0	49.6
P2N_Rx0405	611163	6378146	42.1	34.8	28.9	23	41.1	39.1	37.1	0	0	0	0	47.6
P2N_Rx0406	611603	6378147	34.2	29.1	23.1	19.8	34.2	32.9	29.2	0	0	0	0	40.4
P2N_Rx0407	611449	6378151	36.4	30.9	24.9	20.9	36.3	34.6	31.4	0	0	0	0	42.4
P2N_Rx0408	611517	6378160	35.3	30.1	24.1	20.5	35.3	33.7	30.3	0	0	0	0	41.4
P2N_Rx0409	611597	6378167	34.2	29.2	23.2	19.9	34.2	32.8	29.2	0	0	0	0	40.4
P2N_Rx0410	611510	6378178	35.4	30.2	24.3	20.6	35.3	33.9	30.4	0	0	0	0	41.5
P2N_Rx0411	611591	6378186	34.2	29.3	23.4	20	34.2	32.9	29.2	0	0	0	0	40.4
P2N_Rx0413	610158	6378187	36.4	33.4	27.5	24.8	36.4	36.4	31.4	0	0	0	0	43.1
P2N_Rx0414	611146	6378192	42.1	35.5	29.6	23.6	40.5	39.9	37.1	0	0	0	0	47.6
P2N_Rx0415	611582	6378203	34.3	29.5	23.5	20.2	34.2	33	29.3	0	0	0	0	40.5
P2N_Rx0416	611638	6378217	33.5	28.9	22.9	19.8	33.5	32.4	28.5	0	0	0	0	39.8

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0417	611488	6378229	35.4	30.7	24.7	21.1	35.2	34.3	30.4	0	0	0	0	41.6
P2N_Rx0418	611143	6378231	41.9	35.9	30	23.9	39.8	40.2	36.9	0	0	0	0	47.5
P2N_Rx0419	611563	6378254	34.3	29.8	23.9	20.6	34.1	33.3	29.3	0	0	0	0	40.6
P2N_Rx0420	611477	6378263	35.4	30.9	25	21.3	35.1	34.5	30.4	0	0	0	0	41.7
P2N_Rx0421	611561	6378271	34.2	29.9	23.9	20.7	34	33.4	29.2	0	0	0	0	40.5
P2N_Rx0422	611622	6378273	33.5	29.2	23.2	20.2	33.3	32.7	28.5	0	0	0	0	39.8
P2N_Rx0423	611469	6378283	35.4	31	25.1	21.5	35	34.6	30.4	0	0	0	0	41.7
P2N_Rx0424	610935	6378282	49.2	41.6	35.7	26.2	44.8	47.3	44.2	0	0	0	0	54.3
P2N_Rx0425	611556	6378292	34.2	30	24	20.8	33.9	33.5	29.2	0	0	0	0	40.5
P2N_Rx0426	611696	6378296	32.5	28.4	22.4	19.7	32.4	31.8	27.5	0	0	0	0	38.9
P2N_Rx0427	610204	6378300	37.8	34.8	28.9	26.5	37.7	37.7	32.8	0	0	0	0	44.5
P2N_Rx0428	611484	6378307	35.1	30.9	25	21.5	34.6	34.4	30.1	0	0	0	0	41.4
P2N_Rx0429	611548	6378308	34.2	30.1	24.2	21	33.9	33.6	29.2	0	0	0	0	40.6
P2N_Rx0430	611695	6378314	32.5	28.4	22.5	19.8	32.3	31.8	27.5	0	0	0	0	38.9
P2N_Rx0431	611463	6378324	35.3	31.2	25.3	21.8	34.7	34.7	30.3	0	0	0	0	41.6
P2N_Rx0432	611614	6378327	33.3	29.3	23.4	20.5	33.1	32.8	28.3	0	0	0	0	39.7
P2N_Rx0433	611541	6378328	34.2	30.2	24.3	21.1	33.8	33.7	29.2	0	0	0	0	40.6
P2N_Rx0434	611679	6378333	32.6	28.6	22.7	20	32.4	32	27.6	0	0	0	0	39.0
P2N_Rx0435	611101	6378338	42	37.6	31.7	25.3	40.7	41.6	37	0	0	0	0	48.2
P2N_Rx0436	611445	6378339	35.5	31.5	25.5	22	34.8	35	30.5	0	0	0	0	41.8
P2N_Rx0437	611593	6378343	33.5	29.6	23.7	20.8	33.2	33	28.5	0	0	0	0	39.9
P2N_Rx0438	611535	6378346	34.2	30.3	24.4	21.3	33.8	33.8	29.2	0	0	0	0	40.6
P2N_Rx0439	611670	6378355	32.6	28.7	22.8	20.1	32.3	32.1	27.6	0	0	0	0	39.0
P2N_Rx0440	611092	6378358	42	37.9	32	25.6	41	41.8	37	0	0	0	0	48.3
P2N_Rx0441	611449	6378364	35.3	31.5	25.5	22.1	34.5	34.9	30.3	0	0	0	0	41.6
P2N_Rx0442	611527	6378365	34.3	30.4	24.5	21.4	33.7	33.9	29.3	0	0	0	0	40.7
P2N_Rx0443	611594	6378366	33.4	29.6	23.7	20.8	33	33	28.4	0	0	0	0	39.8
P2N_Rx0444	611519	6378381	34.3	30.5	24.6	21.6	33.7	34	29.3	0	0	0	0	40.7
P2N_Rx0445	611581	6378385	33.5	29.8	23.8	21	33	33.2	28.5	0	0	0	0	39.9
P2N_Rx0446	611438	6378391	35.3	31.6	25.7	22.4	34.7	35.1	30.3	0	0	0	0	41.7
P2N_Rx0447	611080	6378393	42	38.3	32.4	26	41.3	42	37	0	0	0	0	48.4
P2N_Rx0448	611458	6378403	35	31.4	25.4	22.2	34.4	34.8	30	0	0	0	0	41.5
P2N_Rx0449	611575	6378410	33.5	29.9	23.9	21.2	32.9	33.2	28.5	0	0	0	0	39.9
P2N_Rx0450	611515	6378410	34.2	30.6	24.7	21.7	33.6	34	29.2	0	0	0	0	40.7
P2N_Rx0451	611070	6378417	42.1	38.5	32.7	26.4	41.6	42.1	37.1	0	0	0	0	48.6
P2N_Rx0452	611586	6378444	33.2	29.7	23.8	21.2	32.7	33	28.2	0	0	0	0	39.7
P2N_Rx0453	611415	6378448	35.4	32	26	22.9	35	35.3	30.4	0	0	0	0	41.9
P2N_Rx0454	610952	6378461	45.3	42.2	36.4	28.2	45.3	45.4	40.3	0	0	0	0	52.0
P2N_Rx0455	611409	6378467	35.4	32	26.1	23	35.1	35.3	30.4	0	0	0	0	42.0
P2N_Rx0456	611020	6378478	42.9	39.8	33.9	27.6	42.8	42.9	37.9	0	0	0	0	49.5
P2N_Rx0457	611540	6378479	33.6	30.3	24.3	21.8	33.3	33.5	28.6	0	0	0	0	40.2
P2N_Rx0458	611403	6378485	35.4	32.1	26.1	23.2	35.1	35.3	30.4	0	0	0	0	42.0

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0459	611395	6378501	35.4	32.2	26.2	23.3	35.2	35.4	30.4	0	0	0	0	42.0
P2N_Rx0460	611478	6378507	34.3	31	25.1	22.5	34	34.2	29.3	0	0	0	0	40.9
P2N_Rx0461	611537	6378511	33.5	30.3	24.3	21.9	33.3	33.5	28.5	0	0	0	0	40.1
P2N_Rx0462	610869	6378513	48.3	45.1	39.3	30	47.9	47.8	43.3	0	0	0	0	54.8
P2N_Rx0463	611385	6378525	35.4	32.3	26.3	23.5	35.3	35.5	30.4	0	0	0	0	42.1
P2N_Rx0464	610751	6378523	60.1	50.5	45.2	31.8	52.7	52.1	55.1	0	0	0	0	64.1
P2N_Rx0465	611465	6378531	34.3	31.1	25.2	22.7	34.2	34.3	29.3	0	0	0	0	41.0
P2N_Rx0466	611539	6378533	33.4	30.2	24.2	22	33.2	33.4	28.4	0	0	0	0	40.1
P2N_Rx0467	611383	6378541	35.4	32.2	26.3	23.6	35.3	35.4	30.4	0	0	0	0	42.1
P2N_Rx0468	611526	6378546	33.5	30.3	24.4	22.1	33.4	33.5	28.5	0	0	0	0	40.2
P2N_Rx0469	611372	6378564	35.4	32.4	26.4	23.8	35.4	35.5	30.4	0	0	0	0	42.1
P2N_Rx0470	611006	6378566	42.4	39.3	33.4	28.7	42.3	42.2	37.4	0	0	0	0	49.0
P2N_Rx0471	611076	6378578	40.6	37.5	31.6	27.8	40.5	40.5	35.6	0	0	0	0	47.2
P2N_Rx0472	611369	6378579	35.4	32.3	26.4	23.9	35.3	35.4	30.4	0	0	0	0	42.1
P2N_Rx0473	611514	6378584	33.5	30.4	24.5	22.4	33.4	33.5	28.5	0	0	0	0	40.2
P2N_Rx0474	611093	6378588	40.1	37.1	31.2	27.6	40	40	35.1	0	0	0	0	46.8
P2N_Rx0475	611446	6378588	34.3	31.2	25.3	23.1	34.3	34.4	29.3	0	0	0	0	41.0
P2N_Rx0476	611109	6378593	39.7	36.7	30.8	27.4	39.7	39.7	34.7	0	0	0	0	46.4
P2N_Rx0477	611361	6378602	35.4	32.4	26.4	24.1	35.4	35.4	30.4	0	0	0	0	42.1
P2N_Rx0478	611151	6378602	38.8	35.8	29.9	26.8	38.8	38.8	33.8	0	0	0	0	45.5
P2N_Rx0479	611507	6378603	33.5	30.4	24.5	22.5	33.4	33.5	28.5	0	0	0	0	40.2
P2N_Rx0480	611358	6378615	35.4	32.4	26.4	24.2	35.4	35.4	30.4	0	0	0	0	42.1
P2N_Rx0481	611213	6378619	37.6	34.6	28.6	26.1	37.6	37.5	32.6	0	0	0	0	44.3
P2N_Rx0482	611437	6378620	34.3	31.3	25.3	23.3	34.3	34.3	29.3	0	0	0	0	41.0
P2N_Rx0483	611148	6378621	38.7	35.7	29.8	27	38.7	38.6	33.7	0	0	0	0	45.4
P2N_Rx0484	611140	6378634	38.8	35.7	29.8	27.2	38.7	38.7	33.8	0	0	0	0	45.5
P2N_Rx0485	611205	6378637	37.6	34.6	28.6	26.3	37.6	37.5	32.6	0	0	0	0	44.3
P2N_Rx0486	611274	6378638	36.5	33.5	27.5	25.3	36.5	36.5	31.5	0	0	0	0	43.2
P2N_Rx0487	611138	6378651	38.7	35.6	29.7	27.3	38.6	38.5	33.7	0	0	0	0	45.3
P2N_Rx0488	611198	6378656	37.6	34.5	28.6	26.4	37.5	37.5	32.6	0	0	0	0	44.3
P2N_Rx0489	611335	6378664	35.5	32.4	26.5	24.7	35.4	35.4	30.5	0	0	0	0	42.2
P2N_Rx0490	611284	6378665	36.2	33.2	27.2	25.3	36.1	36.1	31.2	0	0	0	0	42.9
P2N_Rx0491	611136	6378667	38.7	35.5	29.6	27.4	38.4	38.4	33.7	0	0	0	0	45.3
P2N_Rx0492	611351	6378669	35.2	32.2	26.3	24.5	35.2	35.2	30.2	0	0	0	0	41.9
P2N_Rx0493	611366	6378676	35	31.9	26	24.3	34.9	34.9	30	0	0	0	0	41.7
P2N_Rx0494	611194	6378677	37.6	34.4	28.5	26.6	37.4	37.4	32.6	0	0	0	0	44.2
P2N_Rx0495	611127	6378679	38.8	35.5	29.6	27.6	38.5	38.4	33.8	0	0	0	0	45.3
P2N_Rx0496	611275	6378686	36.2	33.1	27.2	25.5	36.1	36.1	31.2	0	0	0	0	42.9
P2N_Rx0497	611180	6378695	37.7	34.5	28.6	26.9	37.5	37.4	32.7	0	0	0	0	44.3
P2N_Rx0498	611121	6378696	38.8	35.4	29.5	27.8	38.5	38.3	33.8	0	0	0	0	45.3
P2N_Rx0499	611268	6378699	36.2	33.1	27.2	25.6	36.1	36.1	31.2	0	0	0	0	42.9
P2N_Rx0500	611417	6378699	34.2	31.2	25.2	23.7	34.2	34.1	29.2	0	0	0	0	40.9

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0501	611331	6378706	35.3	32.2	26.3	24.8	35.2	35.2	30.3	0	0	0	0	42.0
P2N_Rx0502	611179	6378715	37.6	34.3	28.4	27	37.4	37.2	32.6	0	0	0	0	44.2
P2N_Rx0503	611316	6378715	35.5	32.4	26.4	25	35.4	35.3	30.5	0	0	0	0	42.2
P2N_Rx0504	611119	6378718	38.7	35.2	29.3	27.9	38.5	38.1	33.7	0	0	0	0	45.2
P2N_Rx0505	611466	6378723	33.5	30.5	24.5	23.2	33.5	33.4	28.5	0	0	0	0	40.2
P2N_Rx0506	611404	6378728	34.2	31.2	25.2	24	34.2	34.2	29.2	0	0	0	0	40.9
P2N_Rx0507	611172	6378732	37.6	34.2	28.3	27.1	37.5	37.2	32.6	0	0	0	0	44.2
P2N_Rx0508	611312	6378738	35.4	32.3	26.3	25.1	35.2	35.2	30.4	0	0	0	0	42.0
P2N_Rx0509	611401	6378746	34.2	31.1	25.2	24	34.1	34.1	29.2	0	0	0	0	40.9
P2N_Rx0510	611176	6378749	37.4	34	28.1	27.1	37.4	36.9	32.4	0	0	0	0	44.0
P2N_Rx0511	611311	6378762	35.3	32.1	26.2	25.2	35.2	35.1	30.3	0	0	0	0	42.0
P2N_Rx0512	611245	6378764	36.3	32.9	27	26.1	36.2	35.9	31.3	0	0	0	0	42.9
P2N_Rx0513	611388	6378765	34.3	31.2	25.2	24.2	34.1	34.1	29.3	0	0	0	0	40.9
P2N_Rx0514	611301	6378778	35.4	32.1	26.2	25.4	35.3	35.1	30.4	0	0	0	0	42.0
P2N_Rx0515	611245	6378779	36.2	32.8	26.9	26.2	36.1	35.8	31.2	0	0	0	0	42.8
P2N_Rx0516	611378	6378781	34.3	31.2	25.2	24.4	34.2	34.1	29.3	0	0	0	0	41.0
P2N_Rx0517	610469	6378788	53.3	50	30.6	43.8	45.8	39	48.3	0	0	0	0	57.8
P2N_Rx0518	611295	6378796	35.4	32	26.1	25.5	35.3	35	30.4	0	0	0	0	42.0
P2N_Rx0519	611232	6378798	36.3	32.8	26.9	26.4	36.2	35.7	31.3	0	0	0	0	42.8
P2N_Rx0520	611374	6378804	34.3	31.1	25.1	24.4	34.2	34	29.3	0	0	0	0	40.9
P2N_Rx0521	610268	6378813	43.3	40.3	29.2	34.1	40.1	36.2	38.3	0	0	0	0	48.5
P2N_Rx0522	611286	6378814	35.4	32	26.1	25.6	35.4	35	30.4	0	0	0	0	42.0
P2N_Rx0523	611372	6378823	34.2	31	25	24.5	34.2	33.9	29.2	0	0	0	0	40.9
P2N_Rx0524	610917	6378827	42.4	38.7	30.2	32.5	42	38.9	37.4	0	0	0	0	48.4
P2N_Rx0525	611281	6378839	35.4	31.9	25.9	25.7	35.4	34.8	30.4	0	0	0	0	42.0
P2N_Rx0526	611360	6378843	34.3	30.9	25	24.6	34.3	33.9	29.3	0	0	0	0	40.9
P2N_Rx0527	610429	6378859	52	48.8	30.6	42.3	42.9	37.4	47	0	0	0	0	56.4
P2N_Rx0528	611357	6378862	34.2	30.8	24.9	24.7	34.2	33.8	29.2	0	0	0	0	40.8
P2N_Rx0529	610916	6378869	42	38.7	29.5	32.6	41.4	38.1	37	0	0	0	0	47.9
P2N_Rx0530	610832	6378880	44.5	41.3	29.8	35.2	42.8	38.4	39.5	0	0	0	0	50.0
P2N_Rx0531	609810	6378889	34.9	31.3	25.6	25.6	34.6	30.9	29.9	0	0	0	0	40.9
P2N_Rx0532	611264	6378891	35.3	32	25.6	25.9	35.3	34.5	30.3	0	0	0	0	41.9
P2N_Rx0533	611300	6378899	34.8	31.5	25.2	25.4	34.8	34.1	29.8	0	0	0	0	41.4
P2N_Rx0534	611275	6378908	35.1	31.8	25.4	25.8	35.1	34.2	30.1	0	0	0	0	41.6
P2N_Rx0535	611332	6378908	34.4	31	24.8	25	34.3	33.7	29.4	0	0	0	0	40.9
P2N_Rx0536	611389	6378926	33.6	30.3	24.1	24.2	33.6	33	28.6	0	0	0	0	40.2
P2N_Rx0537	611405	6378932	33.3	30.1	23.9	24	33.3	32.8	28.3	0	0	0	0	39.9
P2N_Rx0538	611328	6378932	34.3	31.1	24.6	25	34.3	33.5	29.3	0	0	0	0	40.9
P2N_Rx0539	611422	6378937	33.1	29.9	23.7	23.8	33.1	32.6	28.1	0	0	0	0	39.7
P2N_Rx0540	611469	6378953	32.5	29.3	23.1	23.3	32.5	32	27.5	0	0	0	0	39.1
P2N_Rx0541	611315	6378959	34.3	31.2	24.5	25.1	34.3	33.4	29.3	0	0	0	0	40.9
P2N_Rx0542	611382	6378964	33.5	30.3	23.9	24.3	33.4	32.7	28.5	0	0	0	0	40.0

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0543	611464	6378972	32.5	29.3	23	23.3	32.5	31.9	27.5	0	0	0	0	39.1
P2N_Rx0544	611309	6378977	34.3	31.2	24.4	25.2	34.2	33.3	29.3	0	0	0	0	40.8
P2N_Rx0545	611376	6378984	33.5	30.4	23.8	24.3	33.4	32.6	28.5	0	0	0	0	40.0
P2N_Rx0547	611301	6378990	34.4	31.3	24.4	25.3	34.3	33.3	29.4	0	0	0	0	40.9
P2N_Rx0548	611373	6379004	33.4	30.4	23.6	24.3	33.3	32.5	28.4	0	0	0	0	40.0
P2N_Rx0549	611306	6379009	34.2	31.2	24.2	25.1	34.1	33	29.2	0	0	0	0	40.7
P2N_Rx0550	611227	6379011	35.3	32.3	24.8	26.2	35	33.7	30.3	0	0	0	0	41.7
P2N_Rx0551	611366	6379020	33.4	30.4	23.6	24.4	33.3	32.4	28.4	0	0	0	0	39.9
P2N_Rx0552	611297	6379020	34.3	31.3	24.2	25.2	34.1	33	29.3	0	0	0	0	40.8
P2N_Rx0553	611219	6379024	35.3	32.3	24.8	26.3	35	33.6	30.3	0	0	0	0	41.7
P2N_Rx0554	611445	6379025	32.5	29.5	22.9	23.4	32.5	31.7	27.5	0	0	0	0	39.1
P2N_Rx0555	611132	6379028	36.6	33.6	25.4	27.6	36	34.3	31.6	0	0	0	0	42.8
P2N_Rx0556	611295	6379039	34.2	31.3	24	25.2	34	32.9	29.2	0	0	0	0	40.7
P2N_Rx0557	611218	6379045	35.2	32.3	24.6	26.2	34.8	33.4	30.2	0	0	0	0	41.5
P2N_Rx0558	611285	6379050	34.3	31.3	24	25.3	34	32.8	29.3	0	0	0	0	40.7
P2N_Rx0559	610839	6379051	42.4	39.1	29.5	33	39.1	35.5	37.4	0	0	0	0	47.6
P2N_Rx0560	611210	6379056	35.3	32.4	24.5	26.3	34.8	33.4	30.3	0	0	0	0	41.6
P2N_Rx0561	611352	6379064	33.4	30.4	23.3	24.4	33.2	32.2	28.4	0	0	0	0	39.9
P2N_Rx0562	611428	6379065	32.5	29.5	22.7	23.5	32.4	31.6	27.5	0	0	0	0	39.1
P2N_Rx0563	611278	6379067	34.3	31.4	23.9	25.3	34	32.7	29.3	0	0	0	0	40.7
P2N_Rx0565	611342	6379078	33.5	30.5	23.3	24.5	33.2	32.2	28.5	0	0	0	0	39.9
P2N_Rx0566	611275	6379078	34.3	31.4	23.8	25.3	33.9	32.7	29.3	0	0	0	0	40.7
P2N_Rx0567	611425	6379085	32.5	29.5	22.6	23.5	32.3	31.5	27.5	0	0	0	0	39.0
P2N_Rx0568	611420	6379102	32.5	29.5	22.5	23.5	32.3	31.4	27.5	0	0	0	0	39.0
P2N_Rx0569	611336	6379102	33.5	30.5	23.1	24.5	33.1	32	28.5	0	0	0	0	39.9
P2N_Rx0570	611402	6379124	32.6	29.7	22.5	23.6	32.3	31.3	27.6	0	0	0	0	39.0
P2N_Rx0571	611135	6379152	35.9	32.8	25.5	26.8	34.7	32.9	30.9	0	0	0	0	41.9
P2N_Rx0572	611315	6379154	33.5	30.5	23.3	24.5	33	31.7	28.5	0	0	0	0	39.8
P2N_Rx0573	611388	6379191	32.5	29.5	22.5	23.5	32	30.9	27.5	0	0	0	0	38.8
P2N_Rx0574	609900	6379196	37.9	31.4	28.9	28.8	37.9	29.8	32.9	0	0	0	0	43.5
P2N_Rx0575	611457	6379210	31.7	28.7	21.8	22.7	31.3	30.3	26.7	0	0	0	0	38.1
P2N_Rx0576	611379	6379227	32.5	29.5	22.6	23.4	31.9	30.7	27.5	0	0	0	0	38.8
P2N_Rx0577	611371	6379244	32.5	29.5	22.7	23.4	31.8	30.6	27.5	0	0	0	0	38.8
P2N_Rx0578	611430	6379247	31.9	28.8	22.1	22.8	31.3	30.2	26.9	0	0	0	0	38.2
P2N_Rx0579	611424	6379267	31.8	28.8	22.2	22.8	31.2	30.1	26.8	0	0	0	0	38.1
P2N_Rx0580	611364	6379269	32.5	29.4	22.8	23.4	31.8	30.4	27.5	0	0	0	0	38.7
P2N_Rx0581	611359	6379284	32.5	29.4	22.9	23.3	31.9	30.4	27.5	0	0	0	0	38.7
P2N_Rx0582	611419	6379287	31.8	28.8	22.2	22.7	31.2	30	26.8	0	0	0	0	38.1
P2N_Rx0583	611412	6379306	31.8	28.7	22.3	22.7	31.3	29.9	26.8	0	0	0	0	38.1
P2N_Rx0584	611404	6379325	31.8	28.7	22.4	22.7	31.4	29.8	26.8	0	0	0	0	38.1
P2N_Rx0585	611338	6379345	32.5	29.2	23.1	23.2	32.1	30	27.5	0	0	0	0	38.7
P2N_Rx0586	611397	6379347	31.8	28.7	22.5	22.6	31.5	29.6	26.8	0	0	0	0	38.1

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0587	611393	6379367	31.8	28.6	22.5	22.6	31.5	29.5	26.8	0	0	0	0	38.1
P2N_Rx0588	611256	6379493	32.8	28.9	23.8	23.8	32.8	29.1	27.8	0	0	0	0	38.9
P2N_Rx0589	611260	6379516	32.7	28.7	23.7	23.7	32.7	28.9	27.7	0	0	0	0	38.8
P2N_Rx0590	611290	6379624	32	27.7	23	23	32	28	27	0	0	0	0	38.0
P2N_Rx0591	611181	6379679	32.9	28	23.9	23.9	32.9	27.9	27.9	0	0	0	0	38.8
P2N_Rx0592	611352	6379774	30.8	26.2	21.7	21.7	30.7	26.7	25.8	0	0	0	0	36.8
P2N_Rx0593	611154	6380093	31.7	28.5	22.5	22.2	31.7	25	26.7	0	0	0	0	37.6
P2N_Rx0594	611420	6380344	30.4	26.1	21.4	21.4	30.3	0	25.4	0	0	0	0	36.0
P2N_Rx0595	611095	6380384	33.9	29.4	24.9	24.8	33.8	0	28.9	0	0	0	0	39.4
P2N_Rx0596	610684	6380403	40.5	35.4	30.1	30.1	38.8	0	35.5	0	0	0	0	45.5
P2N_Rx0597	611354	6380466	31.5	26.6	22.5	22.5	31.4	0	26.5	0	0	0	0	37.0
P2N_Rx0598	611303	6380651	32.6	26.7	23.6	23.5	32.5	0	27.6	0	0	0	0	38.0
P2N_Rx0599	611317	6381201	32.6	24.4	22.5	22.4	31.6	0	27.6	0	0	0	0	37.6
P2N_Rx0600	610229	6381700	53.6	24.7	23.1	22.9	41.3	0	48.6	0	0	0	0	56.7
P2N_Rx0601	612161	6382027	24.3	0	0	0	24.1	0	19.3	0	0	0	0	29.0
P2N_Rx0602	611916	6383936	23.7	0	14.5	0	23.5	0	18.7	0	0	0	0	28.6
P2N_Rx0603	611841	6383951	24.1	0	14.9	0	23.9	0	19.1	0	0	0	0	29.0
P2N_Rx0604	611920	6383983	23.6	0	14.4	0	23.4	0	18.6	0	0	0	0	28.5
P2N_Rx0605	608148	6384102	25.1	0	0	0	25.1	0	20.1	0	0	0	0	29.9
P2N_Rx0606	608078	6384221	24.7	0	0	0	24.7	0	19.7	0	0	0	0	29.5
P2N_Rx0607	609224	6394853	35.4	0	23	0	35.3	31.6	30.4	0	0	0	0	40.8
P2N_Rx0608	607948	6395686	48.7	0	26.9	16.3	47.8	49.3	43.7	0	0	0	0	54.7
P2N_Rx0609	609391	6396970	25.5	0	14.4	14.4	25.5	25	20.5	0	0	0	0	31.6
P2N_Rx0610	608802	6398274	25.9	0	16.6	16.5	25.9	0	20.9	0	0	0	0	31.0
P2N_Rx0611	606625	6399306	48	42.4	36.8	0	45.8	0	43	0	0	0	0	52.7
P2N_Rx0612	605497	6400546	29	20.9	19.8	0	28.5	0	24	0	0	0	0	34.0
P2N_Rx0613	606477	6401469	47.4	0	38.2	20.6	38.3	0	42.4	0	0	0	0	50.9
P2N_Rx0614	606248	6403536	43.5	0	28.5	22.6	40.3	0	38.5	0	0	0	0	47.5
P2N_Rx0615	607612	6407654	28.1	0	19.1	19.1	28.1	28	23.1	0	0	0	0	34.4
P2N_Rx0616	605265	6407730	31.2	0	21.9	21.8	31.2	31.1	26.2	0	0	0	0	37.4
P2N_Rx0617	607990	6408230	25.7	0	16.7	15.2	25.7	25.7	20.7	0	0	0	0	32.0
P2N_Rx0618	606075	6408465	43.6	0	34.7	22.4	43.3	43.3	38.6	0	0	0	0	49.6
P2N_Rx0619	606119	6408472	45.1	0	36.1	22.4	44.6	44.6	40.1	0	0	0	0	51.0
P2N_Rx0620	607956	6411559	32.1	0	21.4	0	31.4	0	27.1	0	0	0	0	36.8
P2N_Rx0621	608093	6414394	43.1	0	33.7	33.6	35.8	52.6	38.1	0	0	0	0	53.6
P2N_Rx0622	607120	6416701	25.6	21.8	15.8	0	25.5	38.1	20.6	0	0	0	0	38.9
P2N_Rx0623	607114	6416722	25.5	21.7	15.8	0	25.4	37.9	20.5	0	0	0	0	38.7
P2N_Rx0624	609127	6418194	38.7	31	24.9	24.4	38.1	29.9	33.7	0	0	0	0	43.8
P2N_Rx0625	608984	6419519	32.2	26.6	20.7	0	29.7	0	27.2	0	0	0	0	36.8
P2N_Rx0626	609555	6421155	35.4	32.3	26.3	0	35.3	0	30.4	0	0	0	0	41.0
P2N_Rx0627	613222	6424460	29.5	0	20.3	14.8	29.3	29.4	24.5	0	0	0	0	35.6
P2N_Rx0628	612765	6424474	34.1	0	25.1	15.1	34.1	34.1	29.1	0	0	0	0	40.3

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0629	612489	6424536	38.6	0	29.6	15.3	38.6	38.5	33.6	0	0	0	0	44.7
P2N_Rx0630	612699	6426394	49.9	0	41	40.7	49.6	28.4	44.9	0	0	0	0	54.9
P2N_Rx0631	612616	6426442	44.9	0	36	35.9	44.8	28.3	39.9	0	0	0	0	50.0
P2N_Rx0632	614230	6426739	30.6	0	20.6	18.3	29.7	29.3	25.6	0	0	0	0	36.3
P2N_Rx0633	615011	6427195	26.3	0	14.4	16.9	25.6	26.2	21.3	0	0	0	0	32.3
P2N_Rx0634	611844	6427566	27.3	0	18.2	17.2	27.2	25.5	22.3	0	0	0	0	33.2
P2N_Rx0635	612439	6429031	26.4	0	15.1	17.3	26.4	26.3	21.4	0	0	0	0	32.6
P2N_Rx0636	612182	6429067	24.6	0	0	15.6	24.6	24.6	19.6	0	0	0	0	30.8
P2N_Rx0637	616181	6429620	25.4	21.4	15.5	22.4	24.4	0	20.4	0	0	0	0	31.2
P2N_Rx0638	616364	6429773	24.5	20.6	14.8	21.7	23.5	0	19.5	0	0	0	0	30.3
P2N_Rx0639	612663	6429809	25.9	20.8	16.4	21.4	25.3	23.8	20.9	0	0	0	0	32.2
P2N_Rx0640	612590	6429812	25.4	20.3	15.9	15.9	24.9	23.5	20.4	0	0	0	0	31.5
P2N_Rx0641	614976	6430104	38	34.6	28.5	35.5	37	0	33	0	0	0	0	43.9
P2N_Rx0642	616425	6430318	25.9	20.8	16.2	22.1	25.8	0	20.9	0	0	0	0	31.7
P2N_Rx0643	613775	6430502	34.9	31.4	24.9	31.9	33.9	0	29.9	0	0	0	0	40.7
P2N_Rx0644	614475	6430567	51.2	44.6	41.6	47.9	38	0	46.2	0	0	0	0	55.7
P2N_Rx0645	615236	6430888	42.8	29.5	24.4	31.2	37.3	0	37.8	0	0	0	0	46.6
P2N_Rx0646	616780	6430895	26.2	21.4	17.2	0	25.8	0	21.2	0	0	0	0	31.5
P2N_Rx0647	617170	6430920	24	0	14.9	0	24	0	19	0	0	0	0	29.0
P2N_Rx0648	615318	6430927	41.5	28.5	24.9	30.2	37.9	0	36.5	0	0	0	0	45.6
P2N_Rx0649	617161	6430962	24.2	20.3	15	0	24.2	0	19.2	0	0	0	0	29.7
P2N_Rx0650	616795	6430966	26.4	21.8	17.4	0	26.1	0	21.4	0	0	0	0	31.7
P2N_Rx0651	615161	6431074	50.6	28.7	26.3	30.5	41.1	0	45.6	0	0	0	0	53.9
P2N_Rx0652	616859	6431133	26.7	22.5	17.4	0	26.6	0	21.7	0	0	0	0	32.1
P2N_Rx0653	616806	6431344	28	24	18.3	0	28	0	23	0	0	0	0	33.5
P2N_Rx0654	616292	6431595	33.8	28.5	23.7	0	33.7	0	28.8	0	0	0	0	39.1
P2N_Rx0655	615882	6431642	40	30.2	30	22.6	37.6	0	35	0	0	0	0	44.5
P2N_Rx0656	616320	6431705	34.4	29.4	23.5	0	34.4	0	29.4	0	0	0	0	39.7
P2N_Rx0657	616603	6431719	31.6	27.6	21.7	0	31.5	0	26.6	0	0	0	0	37.0
P2N_Rx0658	616534	6431767	32.5	28.5	22.5	0	32.5	0	27.5	0	0	0	0	37.9
P2N_Rx0659	616606	6431774	31.8	28	22.1	0	31.8	0	26.8	0	0	0	0	37.3
P2N_Rx0660	616535	6431791	32.6	28.7	22.7	0	32.6	0	27.6	0	0	0	0	38.1
P2N_Rx0661	616510	6431794	32.9	28.9	22.9	0	32.8	0	27.9	0	0	0	0	38.3
P2N_Rx0662	616492	6431795	33.1	29	23.1	0	33.1	0	28.1	0	0	0	0	38.5
P2N_Rx0663	616472	6431797	33.3	29.2	23.3	0	33.3	0	28.3	0	0	0	0	38.7
P2N_Rx0664	616451	6431798	33.6	29.4	23.4	0	33.5	0	28.6	0	0	0	0	39.0
P2N_Rx0665	616435	6431799	33.8	29.5	23.6	0	33.7	0	28.8	0	0	0	0	39.2
P2N_Rx0666	614994	6431802	40.2	27.3	30.7	25.2	39.5	0	35.2	0	0	0	0	45.0
P2N_Rx0667	616418	6431808	34	29.7	23.8	0	34	0	29	0	0	0	0	39.4
P2N_Rx0668	616382	6431810	34.4	30	24.1	0	34.4	0	29.4	0	0	0	0	39.8
P2N_Rx0669	616398	6431811	34.3	29.9	24	0	34.2	0	29.3	0	0	0	0	39.7
P2N_Rx0670	616367	6431811	34.6	30.1	24.2	0	34.6	0	29.6	0	0	0	0	40.0

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0671	616617	6431818	31.9	28.2	22.3	0	31.8	0	26.9	0	0	0	0	37.4
P2N_Rx0672	616347	6431820	34.9	30.4	24.4	0	34.9	0	29.9	0	0	0	0	40.3
P2N_Rx0673	616328	6431822	35.2	30.5	24.6	0	35.2	0	30.2	0	0	0	0	40.5
P2N_Rx0674	616308	6431826	35.5	30.7	24.8	0	35.5	0	30.5	0	0	0	0	40.8
P2N_Rx0675	616548	6431833	32.7	28.9	22.9	0	32.6	0	27.7	0	0	0	0	38.1
P2N_Rx0676	615002	6431838	39.9	27.6	30.6	24.9	39	0	34.9	0	0	0	0	44.7
P2N_Rx0677	616526	6431838	33	29.1	23.2	0	32.9	0	28	0	0	0	0	38.4
P2N_Rx0678	616504	6431843	33.3	29.3	23.4	0	33.2	0	28.3	0	0	0	0	38.7
P2N_Rx0679	616489	6431845	33.4	29.5	23.5	0	33.3	0	28.4	0	0	0	0	38.8
P2N_Rx0680	616669	6431845	31.6	28	22	0	31.4	0	26.6	0	0	0	0	37.0
P2N_Rx0681	616442	6431853	34	29.9	24	0	33.9	0	29	0	0	0	0	39.4
P2N_Rx0682	616424	6431857	34.3	30.1	24.2	0	34.2	0	29.3	0	0	0	0	39.7
P2N_Rx0683	616398	6431858	34.6	30.3	24.4	0	34.5	0	29.6	0	0	0	0	40.0
P2N_Rx0684	616546	6431860	32.9	29.1	23.2	0	32.7	0	27.9	0	0	0	0	38.3
P2N_Rx0685	616378	6431864	34.9	30.6	24.6	0	34.8	0	29.9	0	0	0	0	40.3
P2N_Rx0686	616622	6431865	32.1	28.5	22.6	0	31.9	0	27.1	0	0	0	0	37.5
P2N_Rx0687	616335	6431872	35.5	31	25.1	0	35.4	0	30.5	0	0	0	0	40.8
P2N_Rx0688	616316	6431872	35.7	31.2	25.2	0	35.7	0	30.7	0	0	0	0	41.1
P2N_Rx0689	616494	6431874	33.6	29.7	23.7	0	33.4	0	28.6	0	0	0	0	39.0
P2N_Rx0690	616548	6431878	33	29.2	23.3	0	32.8	0	28	0	0	0	0	38.4
P2N_Rx0691	615855	6431878	44.5	33.5	29.9	21.6	43	0	39.5	0	0	0	0	49.0
P2N_Rx0692	616669	6431881	31.7	28.2	22.3	0	31.5	0	26.7	0	0	0	0	37.2
P2N_Rx0693	616439	6431881	34.2	30.2	24.3	0	34.1	0	29.2	0	0	0	0	39.6
P2N_Rx0694	616385	6431886	34.9	30.7	24.8	0	34.8	0	29.9	0	0	0	0	40.3
P2N_Rx0695	616498	6431891	33.6	29.8	23.8	0	33.4	0	28.6	0	0	0	0	39.0
P2N_Rx0696	616338	6431897	35.6	31.2	25.3	0	35.5	0	30.6	0	0	0	0	41.0
P2N_Rx0697	616553	6431899	33	29.4	23.4	0	32.8	0	28	0	0	0	0	38.4
P2N_Rx0698	616442	6431903	34.3	30.4	24.4	0	34.2	0	29.3	0	0	0	0	39.7
P2N_Rx0699	616389	6431906	35	30.9	24.9	0	34.9	0	30	0	0	0	0	40.4
P2N_Rx0700	616500	6431907	33.7	29.9	23.9	0	33.5	0	28.7	0	0	0	0	39.1
P2N_Rx0701	616553	6431914	33.1	29.5	23.5	0	32.9	0	28.1	0	0	0	0	38.5
P2N_Rx0702	615518	6431910	68.4	32.5	36.7	22.8	42.4	0	63.4	0	0	0	0	71.4
P2N_Rx0703	616336	6431917	35.8	31.5	25.5	0	35.7	0	30.8	0	0	0	0	41.2
P2N_Rx0704	616389	6431920	35.1	31	25.1	0	34.9	0	30.1	0	0	0	0	40.5
P2N_Rx0705	616447	6431921	34.4	30.5	24.5	0	34.2	0	29.4	0	0	0	0	39.8
P2N_Rx0706	616506	6431923	33.7	30	24	0	33.5	0	28.7	0	0	0	0	39.1
P2N_Rx0707	616339	6431934	35.9	31.6	25.7	0	35.7	0	30.9	0	0	0	0	41.2
P2N_Rx0708	616396	6431935	35.1	31.1	25.2	0	34.9	0	30.1	0	0	0	0	40.5
P2N_Rx0709	616557	6431937	33.2	29.6	23.6	0	32.9	0	28.2	0	0	0	0	38.6
P2N_Rx0710	616453	6431941	34.4	30.6	24.7	0	34.2	0	29.4	0	0	0	0	39.8
P2N_Rx0711	616504	6431942	33.8	30.1	24.2	0	33.6	0	28.8	0	0	0	0	39.2
P2N_Rx0712	616560	6431950	33.2	29.7	23.7	0	32.9	0	28.2	0	0	0	0	38.6

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0713	616400	6431952	35.2	31.2	25.3	0	34.9	0	30.2	0	0	0	0	40.6
P2N_Rx0714	616449	6431955	34.6	30.8	24.8	0	34.3	0	29.6	0	0	0	0	40.0
P2N_Rx0715	616401	6431968	35.3	31.4	25.4	0	35	0	30.3	0	0	0	0	40.7
P2N_Rx0716	616562	6431970	33.3	29.8	23.8	0	32.9	0	28.3	0	0	0	0	38.7
P2N_Rx0717	616509	6431977	33.9	30.3	24.4	0	33.6	0	28.9	0	0	0	0	39.3
P2N_Rx0718	616462	6431977	34.5	30.8	24.9	0	34.2	0	29.5	0	0	0	0	39.9
P2N_Rx0719	616570	6431987	33.3	29.8	23.9	0	32.9	0	28.3	0	0	0	0	38.7
P2N_Rx0720	616401	6431987	35.4	31.5	25.6	0	35.1	0	30.4	0	0	0	0	40.8
P2N_Rx0721	616459	6431992	34.6	31	25	0	34.3	0	29.6	0	0	0	0	40.0
P2N_Rx0722	615104	6431994	39.8	29.4	30.8	23.6	36.9	0	34.8	0	0	0	0	44.2
P2N_Rx0723	616743	6431996	31.4	28.2	22.3	0	31.3	0	26.4	0	0	0	0	36.9
P2N_Rx0724	616403	6432000	35.4	31.6	25.7	0	35.1	0	30.4	0	0	0	0	40.8
P2N_Rx0725	616353	6432001	36.1	32.2	26.2	0	35.8	0	31.1	0	0	0	0	41.5
P2N_Rx0726	616567	6432005	33.4	30	24	0	33	0	28.4	0	0	0	0	38.8
P2N_Rx0727	616466	6432009	34.6	31	25.1	0	34.2	0	29.6	0	0	0	0	40.0
P2N_Rx0728	616519	6432013	34	30.5	24.6	0	33.6	0	29	0	0	0	0	39.4
P2N_Rx0729	616407	6432018	35.5	31.7	25.8	0	35.1	0	30.5	0	0	0	0	40.9
P2N_Rx0730	616355	6432019	36.2	32.3	26.4	0	35.8	0	31.2	0	0	0	0	41.5
P2N_Rx0731	616466	6432024	34.7	31.2	25.2	0	34.3	0	29.7	0	0	0	0	40.1
P2N_Rx0732	616576	6432024	33.4	30	24.1	0	33.1	0	28.4	0	0	0	0	38.9
P2N_Rx0733	616523	6432034	34	30.6	24.7	0	33.7	0	29	0	0	0	0	39.5
P2N_Rx0734	616359	6432034	36.3	32.4	26.5	0	35.8	0	31.3	0	0	0	0	41.6
P2N_Rx0735	616412	6432034	35.5	31.8	25.9	0	35.1	0	30.5	0	0	0	0	40.9
P2N_Rx0736	616472	6432043	34.7	31.2	25.3	0	34.3	0	29.7	0	0	0	0	40.1
P2N_Rx0737	616561	6432046	33.6	30.3	24.4	0	33.4	0	28.6	0	0	0	0	39.1
P2N_Rx0738	616581	6432050	33.4	30.1	24.2	0	33.2	0	28.4	0	0	0	0	38.9
P2N_Rx0739	616408	6432052	35.7	32	26.1	0	35.2	0	30.7	0	0	0	0	41.1
P2N_Rx0740	616363	6432052	36.3	32.6	26.6	0	35.8	0	31.3	0	0	0	0	41.6
P2N_Rx0741	616541	6432054	33.9	30.6	24.6	0	33.6	0	28.9	0	0	0	0	39.4
P2N_Rx0742	616518	6432058	34.2	30.8	24.9	0	33.9	0	29.2	0	0	0	0	39.7
P2N_Rx0743	616469	6432063	34.9	31.4	25.5	0	34.5	0	29.9	0	0	0	0	40.3
P2N_Rx0744	616452	6432070	35.1	31.7	25.7	0	34.8	0	30.1	0	0	0	0	40.5
P2N_Rx0745	616438	6432074	35.3	31.9	25.9	0	35	0	30.3	0	0	0	0	40.7
P2N_Rx0746	616417	6432078	35.7	32.2	26.2	0	35.3	0	30.7	0	0	0	0	41.1
P2N_Rx0747	615523	6432090	51.3	35	31.4	21.8	46.2	0	46.3	0	0	0	0	55.0
P2N_Rx0748	616583	6432106	33.6	30.4	24.5	0	33.5	0	28.6	0	0	0	0	39.1
P2N_Rx0749	616674	6432109	32.5	29.5	23.5	0	32.5	0	27.5	0	0	0	0	38.1
P2N_Rx0750	616751	6432112	31.7	28.7	22.7	0	31.7	0	26.7	0	0	0	0	37.3
P2N_Rx0751	616537	6432118	34.2	31	25.1	0	34.1	0	29.2	0	0	0	0	39.7
P2N_Rx0752	615657	6432115	68	37.1	31.2	0	57.3	0	63	0	0	0	0	71.2
P2N_Rx0753	616469	6432120	35.1	31.9	25.9	0	34.9	0	30.1	0	0	0	0	40.6
P2N_Rx0754	616516	6432124	34.5	31.3	25.4	0	34.4	0	29.5	0	0	0	0	40.0

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0755	616586	6432140	33.7	30.6	24.6	0	33.6	0	28.7	0	0	0	0	39.3
P2N_Rx0756	616469	6432144	35.2	32	26.1	0	35.1	0	30.2	0	0	0	0	40.7
P2N_Rx0757	616765	6432151	31.7	28.7	22.7	0	31.7	0	26.7	0	0	0	0	37.3
P2N_Rx0758	616521	6432156	34.6	31.5	25.5	0	34.5	0	29.6	0	0	0	0	40.2
P2N_Rx0759	616677	6432170	32.7	29.7	23.7	0	32.7	0	27.7	0	0	0	0	38.3
P2N_Rx0760	615193	6432189	39	31.6	28.6	22.1	37.5	0	34	0	0	0	0	43.8
P2N_Rx0762	615611	6432191	52.7	37.9	32	0	52.2	0	47.7	0	0	0	0	57.4
P2N_Rx0763	616770	6432197	31.8	28.8	22.8	0	31.8	0	26.8	0	0	0	0	37.4
P2N_Rx0764	616477	6432209	35.4	32.3	26.4	0	35.4	0	30.4	0	0	0	0	41.0
P2N_Rx0765	616487	6432222	35.3	32.3	26.3	0	35.3	0	30.3	0	0	0	0	40.9
P2N_Rx0766	615405	6432232	42.7	34.9	29	21.4	42.1	0	37.7	0	0	0	0	47.6
P2N_Rx0767	616779	6432233	31.8	28.8	22.8	0	31.8	0	26.8	0	0	0	0	37.4
P2N_Rx0768	616490	6432246	35.4	32.4	26.4	0	35.4	0	30.4	0	0	0	0	41.0
P2N_Rx0769	616784	6432261	31.8	28.8	22.8	0	31.8	0	26.8	0	0	0	0	37.4
P2N_Rx0771	616494	6432270	35.4	32.4	26.5	0	35.4	0	30.4	0	0	0	0	41.0
P2N_Rx0772	616494	6432289	35.5	32.5	26.6	0	35.5	0	30.5	0	0	0	0	41.1
P2N_Rx0773	616624	6432295	33.8	30.8	24.8	0	33.8	0	28.8	0	0	0	0	39.4
P2N_Rx0774	616504	6432314	35.5	32.5	26.5	0	35.4	0	30.5	0	0	0	0	41.1
P2N_Rx0775	616779	6432315	32	29	23	0	32	0	27	0	0	0	0	37.6
P2N_Rx0776	616624	6432316	33.9	30.8	24.9	0	33.8	0	28.9	0	0	0	0	39.5
P2N_Rx0777	616605	6432321	34.1	31.1	25.1	0	34.1	0	29.1	0	0	0	0	39.7
P2N_Rx0778	616584	6432324	34.4	31.4	25.4	0	34.3	0	29.4	0	0	0	0	40.0
P2N_Rx0779	616567	6432328	34.7	31.6	25.7	0	34.6	0	29.7	0	0	0	0	40.3
P2N_Rx0780	616544	6432329	35	31.9	26	0	34.9	0	30	0	0	0	0	40.6
P2N_Rx0781	616699	6432335	33	30	24	0	32.9	0	28	0	0	0	0	38.6
P2N_Rx0782	616506	6432335	35.5	32.5	26.5	0	35.5	0	30.5	0	0	0	0	41.1
P2N_Rx0783	616483	6432336	35.9	32.9	26.9	0	35.8	0	30.9	0	0	0	0	41.5
P2N_Rx0784	616464	6432343	36.2	33.2	27.2	0	36.1	0	31.2	0	0	0	0	41.8
P2N_Rx0785	616438	6432345	36.6	33.6	27.6	0	36.6	0	31.6	0	0	0	0	42.2
P2N_Rx0786	616792	6432354	32	28.9	22.9	0	31.9	0	27	0	0	0	0	37.6
P2N_Rx0787	616869	6432362	31.2	28.1	22.1	0	31.1	0	26.2	0	0	0	0	36.8
P2N_Rx0788	616704	6432373	33	30	24	0	32.9	0	28	0	0	0	0	38.6
P2N_Rx0789	615604	6432378	46.2	41	35	0	44.6	0	41.2	0	0	0	0	51.1
P2N_Rx0790	616795	6432390	32	28.9	22.9	0	31.9	0	27	0	0	0	0	37.6
P2N_Rx0792	615116	6432391	35.8	31.3	25.3	0	35.6	0	30.8	0	0	0	0	41.1
P2N_Rx0793	616944	6432392	30.4	27.4	21.4	0	30.3	0	25.4	0	0	0	0	36.0
P2N_Rx0794	616568	6432394	34.8	31.8	25.8	0	34.7	0	29.8	0	0	0	0	40.4
P2N_Rx0795	616506	6432403	35.8	32.7	26.7	0	35.6	0	30.8	0	0	0	0	41.3
P2N_Rx0796	616869	6432406	31.2	28.1	22.2	0	31.1	0	26.2	0	0	0	0	36.8
P2N_Rx0797	616963	6432414	30.3	27.2	21.2	0	30.1	0	25.3	0	0	0	0	35.8
P2N_Rx0799	616632	6432415	34	30.9	24.9	0	33.9	0	29	0	0	0	0	39.6
P2N_Rx0800	616567	6432416	34.9	31.8	25.8	0	34.7	0	29.9	0	0	0	0	40.4

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0801	616450	6432419	36.7	33.6	27.6	0	36.5	0	31.7	0	0	0	0	42.2
P2N_Rx0802	616427	6432420	37.1	34	28	0	36.9	0	32.1	0	0	0	0	42.6
P2N_Rx0803	616499	6432421	35.9	32.8	26.8	0	35.7	0	30.9	0	0	0	0	41.4
P2N_Rx0804	615795	6432424	64.9	54.3	48.6	0	60.3	0	59.9	0	0	0	0	68.8
P2N_Rx0805	616801	6432434	32	28.9	22.9	0	31.8	0	27	0	0	0	0	37.5
P2N_Rx0809	616872	6432442	31.2	28.1	22.1	0	31.1	0	26.2	0	0	0	0	36.8
P2N_Rx0810	616501	6432446	35.9	32.8	26.8	0	35.7	0	30.9	0	0	0	0	41.4
P2N_Rx0811	616974	6432450	30.2	27.1	21.1	0	30	0	25.2	0	0	0	0	35.7
P2N_Rx0812	616437	6432453	37	33.8	27.9	0	36.7	0	32	0	0	0	0	42.5
P2N_Rx0813	616575	6432454	34.9	31.7	25.7	0	34.6	0	29.9	0	0	0	0	40.4
P2N_Rx0814	616636	6432455	34	30.9	24.9	0	33.8	0	29	0	0	0	0	39.5
P2N_Rx0815	616510	6432465	35.8	32.7	26.7	0	35.6	0	30.8	0	0	0	0	41.3
P2N_Rx0816	616878	6432472	31.2	28.1	22.1	0	31	0	26.2	0	0	0	0	36.7
P2N_Rx0818	616812	6432475	31.9	28.8	22.8	0	31.7	0	26.9	0	0	0	0	37.4
P2N_Rx0819	616444	6432477	36.9	33.7	27.8	0	36.6	0	31.9	0	0	0	0	42.4
P2N_Rx0820	616578	6432480	34.8	31.7	25.7	0	34.6	0	29.8	0	0	0	0	40.3
P2N_Rx0821	616634	6432481	34.1	30.9	24.9	0	33.8	0	29.1	0	0	0	0	39.6
P2N_Rx0822	616512	6432481	35.8	32.6	26.7	0	35.5	0	30.8	0	0	0	0	41.3
P2N_Rx0823	616444	6432493	36.9	33.7	27.8	0	36.6	0	31.9	0	0	0	0	42.4
P2N_Rx0824	615458	6432495	40.6	37.3	31.4	0	40.4	0	35.6	0	0	0	0	46.1
P2N_Rx0825	616578	6432497	34.8	31.7	25.7	0	34.6	0	29.8	0	0	0	0	40.3
P2N_Rx0826	616517	6432503	35.7	32.6	26.6	0	35.5	0	30.7	0	0	0	0	41.2
P2N_Rx0827	617059	6432505	29.4	26.3	20.3	0	29.2	0	24.4	0	0	0	0	34.9
P2N_Rx0828	616607	6432511	34.4	31.3	25.3	0	34.2	0	29.4	0	0	0	0	39.9
P2N_Rx0829	616451	6432513	36.8	33.6	27.6	0	36.5	0	31.8	0	0	0	0	42.3
P2N_Rx0830	616582	6432518	34.8	31.6	25.6	0	34.5	0	29.8	0	0	0	0	40.3
P2N_Rx0831	616515	6432525	35.8	32.6	26.6	0	35.5	0	30.8	0	0	0	0	41.3
P2N_Rx0832	616445	6432543	36.9	33.6	27.7	0	36.5	0	31.9	0	0	0	0	42.3
P2N_Rx0833	616792	6432544	32.1	29	23	0	31.9	0	27.1	0	0	0	0	37.6
P2N_Rx0834	616740	6432548	32.7	29.6	23.6	0	32.5	0	27.7	0	0	0	0	38.2
P2N_Rx0835	616825	6432560	31.7	28.6	22.6	0	31.5	0	26.7	0	0	0	0	37.2
P2N_Rx0836	616741	6432564	32.7	29.5	23.6	0	32.4	0	27.7	0	0	0	0	38.2
P2N_Rx0837	616658	6432565	33.7	30.5	24.6	0	33.4	0	28.7	0	0	0	0	39.2
P2N_Rx0838	616614	6432570	34.3	31.1	25.1	0	34	0	29.3	0	0	0	0	39.8
P2N_Rx0839	617144	6432571	28.6	25.5	19.5	0	28.4	0	23.6	0	0	0	0	34.1
P2N_Rx0841	616743	6432577	32.7	29.5	23.5	0	32.4	0	27.7	0	0	0	0	38.2
P2N_Rx0842	614626	6432578	29.8	26	20.5	0	29.5	0	24.8	0	0	0	0	35.2
P2N_Rx0843	616530	6432583	35.5	32.2	26.3	0	35.1	0	30.5	0	0	0	0	40.9
P2N_Rx0844	616837	6432584	31.6	28.4	22.5	0	31.4	0	26.6	0	0	0	0	37.1
P2N_Rx0845	616597	6432593	34.5	31.3	25.3	0	34.2	0	29.5	0	0	0	0	40.0
P2N_Rx0846	616744	6432596	32.6	29.5	23.5	0	32.4	0	27.6	0	0	0	0	38.1
P2N_Rx0847	616454	6432597	36.6	33.4	27.4	0	36.2	0	31.6	0	0	0	0	42.1

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0848	616836	6432599	31.6	28.4	22.4	0	31.3	0	26.6	0	0	0	0	37.1
P2N_Rx0849	616534	6432602	35.4	32.1	26.1	0	35	0	30.4	0	0	0	0	40.8
P2N_Rx0850	616669	6432612	33.5	30.3	24.3	0	33.2	0	28.5	0	0	0	0	39.0
P2N_Rx0851	617062	6432615	29.3	26.2	20.2	0	29.1	0	24.3	0	0	0	0	34.8
P2N_Rx0852	616458	6432616	36.5	33.2	27.2	0	36.1	0	31.5	0	0	0	0	41.9
P2N_Rx0853	616597	6432617	34.5	31.2	25.2	0	34.1	0	29.5	0	0	0	0	39.9
P2N_Rx0854	616845	6432620	31.5	28.3	22.3	0	31.2	0	26.5	0	0	0	0	37.0
P2N_Rx0855	616750	6432630	32.5	29.3	23.3	0	32.2	0	27.5	0	0	0	0	38.0
P2N_Rx0856	616462	6432635	36.4	33.1	27.1	0	35.9	0	31.4	0	0	0	0	41.8
P2N_Rx0857	616533	6432637	35.3	32	26.1	0	34.9	0	30.3	0	0	0	0	40.7
P2N_Rx0858	616842	6432640	31.5	28.3	22.3	0	31.2	0	26.5	0	0	0	0	37.0
P2N_Rx0859	616604	6432641	34.3	31.1	25.1	0	33.9	0	29.3	0	0	0	0	39.8
P2N_Rx0860	613987	6432641	25.2	21.1	16.2	0	25.1	0	20.2	0	0	0	0	30.6
P2N_Rx0861	616468	6432651	36.3	32.9	26.9	0	35.8	0	31.3	0	0	0	0	41.7
P2N_Rx0862	616671	6432651	33.4	30.2	24.2	0	33.1	0	28.4	0	0	0	0	38.9
P2N_Rx0863	616846	6432654	31.4	28.2	22.3	0	31.1	0	26.4	0	0	0	0	36.9
P2N_Rx0864	616606	6432657	34.3	31	25	0	33.9	0	29.3	0	0	0	0	39.7
P2N_Rx0865	616761	6432661	32.3	29.1	23.1	0	32	0	27.3	0	0	0	0	37.8
P2N_Rx0866	616544	6432664	35.1	31.8	25.8	0	34.6	0	30.1	0	0	0	0	40.5
P2N_Rx0867	616849	6432671	31.4	28.2	22.2	0	31.1	0	26.4	0	0	0	0	36.9
P2N_Rx0868	616466	6432673	36.2	32.9	26.9	0	35.7	0	31.2	0	0	0	0	41.6
P2N_Rx0869	616605	6432681	34.2	30.9	24.9	0	33.8	0	29.2	0	0	0	0	39.6
P2N_Rx0870	616847	6432681	31.4	28.2	22.2	0	31.1	0	26.4	0	0	0	0	36.9
P2N_Rx0871	616762	6432684	32.3	29.1	23.1	0	31.9	0	27.3	0	0	0	0	37.8
P2N_Rx0872	616541	6432686	35	31.8	25.8	0	34.6	0	30	0	0	0	0	40.5
P2N_Rx0873	616468	6432694	36.1	32.7	26.7	0	35.5	0	31.1	0	0	0	0	41.5
P2N_Rx0874	616551	6432701	34.9	31.6	25.6	0	34.4	0	29.9	0	0	0	0	40.3
P2N_Rx0875	616614	6432703	34	30.7	24.7	0	33.6	0	29	0	0	0	0	39.4
P2N_Rx0876	616676	6432703	33.2	30	24	0	32.9	0	28.2	0	0	0	0	38.7
P2N_Rx0877	616765	6432705	32.2	29	23	0	31.9	0	27.2	0	0	0	0	37.7
P2N_Rx0878	616478	6432713	35.8	32.5	26.5	0	35.3	0	30.8	0	0	0	0	41.2
P2N_Rx0879	616856	6432717	31.2	28	22	0	30.9	0	26.2	0	0	0	0	36.7
P2N_Rx0880	616618	6432723	33.9	30.6	24.6	0	33.5	0	28.9	0	0	0	0	39.3
P2N_Rx0881	616769	6432732	32.1	28.9	22.9	0	31.7	0	27.1	0	0	0	0	37.6
P2N_Rx0882	616554	6432732	34.7	31.4	25.4	0	34.2	0	29.7	0	0	0	0	40.1
P2N_Rx0883	616527	6432735	35	31.7	25.7	0	34.5	0	30	0	0	0	0	40.4
P2N_Rx0884	616858	6432740	31.1	27.9	21.9	0	30.8	0	26.1	0	0	0	0	36.6
P2N_Rx0885	616477	6432740	35.7	32.4	26.4	0	35.1	0	30.7	0	0	0	0	41.1
P2N_Rx0886	616506	6432742	35.3	32	26	0	34.8	0	30.3	0	0	0	0	40.7
P2N_Rx0887	616858	6432750	31.1	27.9	21.9	0	30.8	0	26.1	0	0	0	0	36.6
P2N_Rx0888	614524	6432759	28.1	24.8	18.9	0	28	0	23.1	0	0	0	0	33.6
P2N_Rx0889	616702	6432763	32.7	29.5	23.5	0	32.3	0	27.7	0	0	0	0	38.2

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0890	616685	6432764	32.9	29.7	23.7	0	32.5	0	27.9	0	0	0	0	38.4
P2N_Rx0891	616670	6432765	33.1	29.8	23.8	0	32.7	0	28.1	0	0	0	0	38.5
P2N_Rx0892	616628	6432778	33.6	30.3	24.3	0	33.1	0	28.6	0	0	0	0	39.0
P2N_Rx0893	616867	6432779	30.9	27.7	21.7	0	30.6	0	25.9	0	0	0	0	36.4
P2N_Rx0894	616869	6432791	30.9	27.7	21.7	0	30.5	0	25.9	0	0	0	0	36.4
P2N_Rx0895	616559	6432793	34.3	31	25	0	33.8	0	29.3	0	0	0	0	39.7
P2N_Rx0896	616635	6432797	33.4	30.1	24.1	0	32.9	0	28.4	0	0	0	0	38.8
P2N_Rx0897	616511	6432799	34.9	31.6	25.6	0	34.4	0	29.9	0	0	0	0	40.3
P2N_Rx0898	616486	6432801	35.2	31.9	25.9	0	34.6	0	30.2	0	0	0	0	40.6
P2N_Rx0899	614210	6432810	25.8	22.4	16.8	0	25.6	0	20.8	0	0	0	0	31.3
P2N_Rx0900	616573	6432811	34.1	30.7	24.8	0	33.6	0	29.1	0	0	0	0	39.5
P2N_Rx0901	616633	6432820	33.3	30	24	0	32.8	0	28.3	0	0	0	0	38.7
P2N_Rx0902	616573	6432826	34	30.7	24.7	0	33.5	0	29	0	0	0	0	39.4
P2N_Rx0903	616500	6432835	34.8	31.5	25.5	0	34.3	0	29.8	0	0	0	0	40.2
P2N_Rx0904	616635	6432845	33.2	29.9	23.9	0	32.7	0	28.2	0	0	0	0	38.6
P2N_Rx0905	616575	6432849	33.8	30.5	24.5	0	33.3	0	28.8	0	0	0	0	39.2
P2N_Rx0906	616509	6432857	34.6	31.2	25.2	0	34	0	29.6	0	0	0	0	40.0
P2N_Rx0907	616580	6432867	33.7	30.3	24.3	0	33.1	0	28.7	0	0	0	0	39.1
P2N_Rx0908	616637	6432869	33	29.7	23.7	0	32.5	0	28	0	0	0	0	38.4
P2N_Rx0909	616501	6432879	34.5	31.1	25.2	0	33.9	0	29.5	0	0	0	0	39.9
P2N_Rx0910	617274	6432879	27.2	24	18	0	26.9	0	22.2	0	0	0	0	32.7
P2N_Rx0911	616577	6432891	33.6	30.2	24.2	0	33	0	28.6	0	0	0	0	39.0
P2N_Rx0912	616640	6432892	32.9	29.6	23.6	0	32.4	0	27.9	0	0	0	0	38.3
P2N_Rx0913	616507	6432897	34.3	30.9	25	0	33.7	0	29.3	0	0	0	0	39.7
P2N_Rx0914	616662	6432907	32.6	29.2	23.3	0	32.1	0	27.6	0	0	0	0	38.0
P2N_Rx0915	617334	6432912	26.7	23.5	17.5	0	26.4	0	21.7	0	0	0	0	32.2
P2N_Rx0916	616560	6432926	33.5	30.2	24.2	0	33	0	28.5	0	0	0	0	38.9
P2N_Rx0917	616592	6432926	33.2	29.8	23.9	0	32.6	0	28.2	0	0	0	0	38.6
P2N_Rx0918	616538	6432927	33.8	30.4	24.4	0	33.2	0	28.8	0	0	0	0	39.2
P2N_Rx0919	617271	6432931	27.1	23.9	17.9	0	26.8	0	22.1	0	0	0	0	32.6
P2N_Rx0920	614328	6432946	26	23	17	0	26	0	21	0	0	0	0	31.6
P2N_Rx0921	616515	6432949	33.9	30.5	24.5	0	33.3	0	28.9	0	0	0	0	39.3
P2N_Rx0922	617342	6432959	26.5	23.3	17.3	0	26.2	0	21.5	0	0	0	0	32.0
P2N_Rx0923	617274	6432967	27	23.8	17.8	0	26.7	0	22	0	0	0	0	32.5
P2N_Rx0924	616583	6432986	32.9	29.5	23.6	0	32.3	0	27.9	0	0	0	0	38.3
P2N_Rx0925	616600	6432986	32.7	29.4	23.4	0	32.2	0	27.7	0	0	0	0	38.1
P2N_Rx0926	616565	6432996	33	29.6	23.7	0	32.4	0	28	0	0	0	0	38.4
P2N_Rx0927	617279	6432997	26.9	23.7	17.7	0	26.6	0	21.9	0	0	0	0	32.4
P2N_Rx0928	616551	6433001	33.1	29.8	23.8	0	32.5	0	28.1	0	0	0	0	38.5
P2N_Rx0929	613930	6433001	23.5	0	14.5	0	23.4	0	18.5	0	0	0	0	28.4
P2N_Rx0930	617350	6433005	26.3	23.2	17.2	0	26.1	0	21.3	0	0	0	0	31.8
P2N_Rx0931	616527	6433031	33.1	29.7	23.8	0	32.5	0	28.1	0	0	0	0	38.5

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0932	617285	6433033	26.7	23.5	17.5	0	26.4	0	21.7	0	0	0	0	32.2
P2N_Rx0933	616966	6433063	29.1	25.8	19.8	0	28.7	0	24.1	0	0	0	0	34.5
P2N_Rx0934	617359	6433063	26.1	22.9	16.9	0	25.9	0	21.1	0	0	0	0	31.6
P2N_Rx0935	617296	6433071	26.5	23.4	17.4	0	26.3	0	21.5	0	0	0	0	32.0
P2N_Rx0936	616976	6433082	28.9	25.7	19.7	0	28.5	0	23.9	0	0	0	0	34.4
P2N_Rx0937	614391	6433102	26.1	23	17.1	0	26	0	21.1	0	0	0	0	31.7
P2N_Rx0938	616987	6433123	28.7	25.4	19.4	0	28.3	0	23.7	0	0	0	0	34.1
P2N_Rx0939	617370	6433129	25.9	22.7	16.7	0	25.6	0	20.9	0	0	0	0	31.4
P2N_Rx0940	616933	6433133	29	25.8	19.8	0	28.6	0	24	0	0	0	0	34.5
P2N_Rx0941	616915	6433136	29.1	25.9	19.9	0	28.7	0	24.1	0	0	0	0	34.6
P2N_Rx0942	616893	6433137	29.3	26.1	20.1	0	28.9	0	24.3	0	0	0	0	34.8
P2N_Rx0943	617309	6433137	26.3	23.1	17.1	0	26	0	21.3	0	0	0	0	31.8
P2N_Rx0944	614652	6433143	27.8	24.7	18.8	0	27.7	0	22.8	0	0	0	0	33.4
P2N_Rx0945	614294	6433150	25.3	22.3	16.3	0	25.2	0	20.3	0	0	0	0	30.9
P2N_Rx0946	614560	6433159	27.1	24	18.1	0	27	0	22.1	0	0	0	0	32.7
P2N_Rx0947	617370	6433159	25.8	22.6	16.6	0	25.5	0	20.8	0	0	0	0	31.3
P2N_Rx0948	617309	6433181	26.1	22.9	16.9	0	25.8	0	21.1	0	0	0	0	31.6
P2N_Rx0949	614058	6433191	23.7	20.7	14.7	0	23.7	0	18.7	0	0	0	0	29.3
P2N_Rx0950	617095	6433193	27.6	24.3	18.3	0	27.2	0	22.6	0	0	0	0	33.0
P2N_Rx0951	616927	6433203	28.7	25.5	19.5	0	28.3	0	23.7	0	0	0	0	34.2
P2N_Rx0952	617097	6433208	27.5	24.3	18.3	0	27.1	0	22.5	0	0	0	0	33.0
P2N_Rx0953	617317	6433212	26	22.8	16.8	0	25.7	0	21	0	0	0	0	31.5
P2N_Rx0954	616933	6433215	28.6	25.4	19.4	0	28.2	0	23.6	0	0	0	0	34.1
P2N_Rx0955	617375	6433220	25.6	22.4	16.4	0	25.3	0	20.6	0	0	0	0	31.1
P2N_Rx0956	616995	6433224	28.1	24.9	18.9	0	27.8	0	23.1	0	0	0	0	33.6
P2N_Rx0957	616937	6433230	28.5	25.3	19.3	0	28.1	0	23.5	0	0	0	0	34.0
P2N_Rx0958	617094	6433237	27.4	24.2	18.2	0	27	0	22.4	0	0	0	0	32.9
P2N_Rx0959	616641	6433239	30.7	27.3	21.3	0	30.1	0	25.7	0	0	0	0	36.1
P2N_Rx0960	616562	6433242	31.2	27.9	21.9	0	30.7	0	26.2	0	0	0	0	36.6
P2N_Rx0961	616996	6433244	28	24.8	18.8	0	27.7	0	23	0	0	0	0	33.5
P2N_Rx0962	616945	6433246	28.4	25.1	19.2	0	28	0	23.4	0	0	0	0	33.8
P2N_Rx0963	616696	6433247	30.2	26.9	20.9	0	29.7	0	25.2	0	0	0	0	35.6
P2N_Rx0965	616999	6433256	28	24.7	18.7	0	27.6	0	23	0	0	0	0	33.4
P2N_Rx0967	617378	6433258	25.4	22.2	16.3	0	25.1	0	20.4	0	0	0	0	30.9
P2N_Rx0969	616642	6433260	30.5	27.2	21.2	0	30	0	25.5	0	0	0	0	35.9
P2N_Rx0970	617103	6433261	27.2	24	18	0	26.9	0	22.2	0	0	0	0	32.7
P2N_Rx0971	617323	6433264	25.8	22.6	16.6	0	25.5	0	20.8	0	0	0	0	31.3
P2N_Rx0972	616501	6433269	31.4	28	22.1	0	30.8	0	26.4	0	0	0	0	36.8
P2N_Rx0973	617003	6433272	27.9	24.6	18.6	0	27.5	0	22.9	0	0	0	0	33.3
P2N_Rx0974	616567	6433272	30.9	27.6	21.6	0	30.4	0	25.9	0	0	0	0	36.3
P2N_Rx0975	617107	6433275	27.2	23.9	17.9	0	26.8	0	22.2	0	0	0	0	32.6
P2N_Rx0977	616564	6433282	30.9	27.5	21.6	0	30.3	0	25.9	0	0	0	0	36.3

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0978	617106	6433286	27.1	23.9	17.9	0	26.8	0	22.1	0	0	0	0	32.6
P2N_Rx0981	616949	6433289	28.2	24.9	18.9	0	27.8	0	23.2	0	0	0	0	33.6
P2N_Rx0982	617010	6433289	27.7	24.5	18.5	0	27.4	0	22.7	0	0	0	0	33.2
P2N_Rx0983	616657	6433296	30.1	26.8	20.8	0	29.6	0	25.1	0	0	0	0	35.5
P2N_Rx0984	616952	6433297	28.1	24.8	18.9	0	27.7	0	23.1	0	0	0	0	33.5
P2N_Rx0985	616573	6433300	30.7	27.3	21.4	0	30.2	0	25.7	0	0	0	0	36.1
P2N_Rx0986	616507	6433305	31.1	27.7	21.8	0	30.5	0	26.1	0	0	0	0	36.5
P2N_Rx0987	617015	6433308	27.6	24.4	18.4	0	27.2	0	22.6	0	0	0	0	33.1
P2N_Rx0989	616659	6433311	30	26.7	20.7	0	29.5	0	25	0	0	0	0	35.4
P2N_Rx0990	617111	6433313	27	23.7	17.7	0	26.6	0	22	0	0	0	0	32.4
P2N_Rx0991	616506	6433316	31	27.6	21.7	0	30.4	0	26	0	0	0	0	36.4
P2N_Rx0992	617328	6433316	25.6	22.4	16.4	0	25.2	0	20.6	0	0	0	0	31.1
P2N_Rx0993	616952	6433319	28	24.7	18.8	0	27.6	0	23	0	0	0	0	33.4
P2N_Rx0994	617010	6433321	27.6	24.3	18.4	0	27.2	0	22.6	0	0	0	0	33.0
P2N_Rx0995	616574	6433322	30.5	27.2	21.2	0	30	0	25.5	0	0	0	0	35.9
P2N_Rx0996	616430	6433324	31.4	28	22.1	0	30.8	0	26.4	0	0	0	0	36.8
P2N_Rx0997	616713	6433330	29.5	26.2	20.3	0	29.1	0	24.5	0	0	0	0	34.9
P2N_Rx0999	616652	6433333	29.9	26.6	20.6	0	29.4	0	24.9	0	0	0	0	35.3
P2N_Rx1001	616963	6433335	27.8	24.6	18.6	0	27.4	0	22.8	0	0	0	0	33.3
P2N_Rx1002	617015	6433337	27.5	24.2	18.3	0	27.1	0	22.5	0	0	0	0	32.9
P2N_Rx1003	616507	6433338	30.8	27.5	21.5	0	30.3	0	25.8	0	0	0	0	36.2
P2N_Rx1005	616444	6433345	31.2	27.8	21.8	0	30.6	0	26.2	0	0	0	0	36.6
P2N_Rx1006	617023	6433349	27.4	24.1	18.1	0	27	0	22.4	0	0	0	0	32.8
P2N_Rx1007	616518	6433353	30.6	27.3	21.3	0	30.1	0	25.6	0	0	0	0	36.0
P2N_Rx1008	616966	6433355	27.7	24.5	18.5	0	27.3	0	22.7	0	0	0	0	33.2
P2N_Rx1010	616717	6433361	29.3	26	20	0	28.8	0	24.3	0	0	0	0	34.7
P2N_Rx1011	616443	6433363	31	27.6	21.7	0	30.4	0	26	0	0	0	0	36.4
P2N_Rx1012	616518	6433370	30.5	27.1	21.2	0	29.9	0	25.5	0	0	0	0	35.9
P2N_Rx1013	616663	6433371	29.6	26.3	20.3	0	29.1	0	24.6	0	0	0	0	35.0
P2N_Rx1015	616380	6433377	31.2	27.8	21.9	0	30.6	0	26.2	0	0	0	0	36.6
P2N_Rx1016	616724	6433379	29.2	25.8	19.9	0	28.7	0	24.2	0	0	0	0	34.6
P2N_Rx1017	616581	6433381	30	26.7	20.7	0	29.5	0	25	0	0	0	0	35.4
P2N_Rx1018	617231	6433381	25.9	22.7	16.7	0	25.6	0	20.9	0	0	0	0	31.4
P2N_Rx1019	616792	6433382	28.7	25.4	19.4	0	28.2	0	23.7	0	0	0	0	34.1
P2N_Rx1020	616450	6433384	30.8	27.4	21.4	0	30.2	0	25.8	0	0	0	0	36.2
P2N_Rx1021	617345	6433385	25.2	22	16	0	24.9	0	20.2	0	0	0	0	30.7
P2N_Rx1022	616520	6433390	30.3	27	21	0	29.8	0	25.3	0	0	0	0	35.7
P2N_Rx1023	616383	6433397	31	27.6	21.7	0	30.4	0	26	0	0	0	0	36.4
P2N_Rx1024	616669	6433404	29.3	26	20	0	28.8	0	24.3	0	0	0	0	34.7
P2N_Rx1026	616454	6433405	30.6	27.2	21.3	0	30	0	25.6	0	0	0	0	36.0
P2N_Rx1027	616383	6433410	30.9	27.5	21.6	0	30.3	0	25.9	0	0	0	0	36.3
P2N_Rx1028	616976	6433416	27.4	24.1	18.1	0	27	0	22.4	0	0	0	0	32.8

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1029	616534	6433417	30	26.7	20.7	0	29.5	0	25	0	0	0	0	35.4
P2N_Rx1030	616647	6433417	29.4	26	20.1	0	28.9	0	24.4	0	0	0	0	34.8
P2N_Rx1031	616965	6433418	27.4	24.1	18.2	0	27	0	22.4	0	0	0	0	32.8
P2N_Rx1032	616608	6433419	29.6	26.3	20.3	0	29.1	0	24.6	0	0	0	0	35.0
P2N_Rx1033	616592	6433423	29.7	26.3	20.4	0	29.1	0	24.7	0	0	0	0	35.1
P2N_Rx1034	616931	6433425	27.6	24.3	18.3	0	27.2	0	22.6	0	0	0	0	33.0
P2N_Rx1035	616463	6433429	30.3	27	21	0	29.8	0	25.3	0	0	0	0	35.7
P2N_Rx1037	616511	6433434	30	26.7	20.7	0	29.5	0	25	0	0	0	0	35.4
P2N_Rx1038	616529	6433437	29.9	26.6	20.6	0	29.4	0	24.9	0	0	0	0	35.3
P2N_Rx1039	616453	6433438	30.3	26.9	21	0	29.7	0	25.3	0	0	0	0	35.7
P2N_Rx1040	616394	6433448	30.5	27.1	21.2	0	29.9	0	25.5	0	0	0	0	35.9
P2N_Rx1041	616733	6433455	28.6	25.3	19.3	0	28.1	0	23.6	0	0	0	0	34.0
P2N_Rx1042	617095	6433459	26.4	23.2	17.2	0	26.1	0	21.4	0	0	0	0	31.9
P2N_Rx1043	616803	6433462	28.1	24.9	18.9	0	27.7	0	23.1	0	0	0	0	33.6
P2N_Rx1044	616680	6433467	28.8	25.5	19.6	0	28.3	0	23.8	0	0	0	0	34.2
P2N_Rx1045	616606	6433476	29.2	25.9	19.9	0	28.7	0	24.2	0	0	0	0	34.6
P2N_Rx1046	616740	6433478	28.4	25.1	19.1	0	27.9	0	23.4	0	0	0	0	33.8
P2N_Rx1048	616537	6433484	29.5	26.2	20.2	0	29	0	24.5	0	0	0	0	34.9
P2N_Rx1049	616397	6433492	30.1	26.8	20.8	0	29.6	0	25.1	0	0	0	0	35.5
P2N_Rx1050	616806	6433495	27.9	24.6	18.7	0	27.5	0	22.9	0	0	0	0	33.3
P2N_Rx1051	616740	6433495	28.3	25	19	0	27.8	0	23.3	0	0	0	0	33.7
P2N_Rx1052	616493	6433495	29.6	26.3	20.3	0	29.1	0	24.6	0	0	0	0	35.0
P2N_Rx1053	616542	6433500	29.4	26	20.1	0	28.8	0	24.4	0	0	0	0	34.8
P2N_Rx1054	616743	6433506	28.2	24.9	19	0	27.8	0	23.2	0	0	0	0	33.6
P2N_Rx1055	616458	6433506	29.7	26.4	20.4	0	29.2	0	24.7	0	0	0	0	35.1
P2N_Rx1056	617055	6433509	26.4	23.2	17.2	0	26	0	21.4	0	0	0	0	31.9
P2N_Rx1057	616683	6433517	28.5	25.2	19.2	0	28	0	23.5	0	0	0	0	33.9
P2N_Rx1060	616603	6433519	28.9	25.6	19.6	0	28.4	0	23.9	0	0	0	0	34.3
P2N_Rx1061	616405	6433521	29.8	26.5	20.5	0	29.3	0	24.8	0	0	0	0	35.2
P2N_Rx1062	616476	6433525	29.5	26.1	20.2	0	28.9	0	24.5	0	0	0	0	34.9
P2N_Rx1063	616751	6433533	28	24.7	18.7	0	27.5	0	23	0	0	0	0	33.4
P2N_Rx1064	616614	6433536	28.7	25.4	19.4	0	28.2	0	23.7	0	0	0	0	34.1
P2N_Rx1066	616550	6433536	29	25.7	19.7	0	28.5	0	24	0	0	0	0	34.4
P2N_Rx1067	616808	6433538	27.7	24.4	18.4	0	27.2	0	22.7	0	0	0	0	33.1
P2N_Rx1068	616693	6433539	28.3	25	19	0	27.8	0	23.3	0	0	0	0	33.7
P2N_Rx1069	616685	6433550	28.2	24.9	19	0	27.8	0	23.2	0	0	0	0	33.6
P2N_Rx1071	616550	6433552	28.9	25.6	19.6	0	28.4	0	23.9	0	0	0	0	34.3
P2N_Rx1072	616747	6433559	27.9	24.6	18.6	0	27.4	0	22.9	0	0	0	0	33.3
P2N_Rx1073	616609	6433560	28.6	25.3	19.3	0	28.1	0	23.6	0	0	0	0	34.0
P2N_Rx1074	616759	6433561	27.8	24.5	18.5	0	27.3	0	22.8	0	0	0	0	33.2
P2N_Rx1076	616693	6433566	28.1	24.8	18.8	0	27.6	0	23.1	0	0	0	0	33.5
P2N_Rx1077	616413	6433572	29.4	26	20.1	0	28.8	0	24.4	0	0	0	0	34.8

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1078	616548	6433574	28.8	25.4	19.5	0	28.3	0	23.8	0	0	0	0	34.2
P2N_Rx1079	616622	6433577	28.4	25.1	19.1	0	27.9	0	23.4	0	0	0	0	33.8
P2N_Rx1080	616476	6433579	29.1	25.7	19.8	0	28.5	0	24.1	0	0	0	0	34.5
P2N_Rx1081	616487	6433591	28.9	25.6	19.6	0	28.4	0	23.9	0	0	0	0	34.3
P2N_Rx1082	616419	6433591	29.2	25.9	19.9	0	28.7	0	24.2	0	0	0	0	34.6
P2N_Rx1083	616993	6433602	26.3	23	17.1	0	25.9	0	21.3	0	0	0	0	31.7
P2N_Rx1085	616419	6433612	29	25.7	19.7	0	28.5	0	24	0	0	0	0	34.4
P2N_Rx1086	616704	6433614	27.7	24.4	18.5	0	27.3	0	22.7	0	0	0	0	33.1
P2N_Rx1087	616647	6433628	27.9	24.6	18.6	0	27.4	0	22.9	0	0	0	0	33.3
P2N_Rx1088	616696	6433632	27.6	24.3	18.4	0	27.2	0	22.6	0	0	0	0	33.0
P2N_Rx1089	616562	6433640	28.2	24.9	18.9	0	27.7	0	23.2	0	0	0	0	33.6
P2N_Rx1090	616999	6433640	26.1	22.8	16.8	0	25.7	0	21.1	0	0	0	0	31.5
P2N_Rx1092	616830	6433646	26.9	23.6	17.7	0	26.5	0	21.9	0	0	0	0	32.3
P2N_Rx1093	616564	6433654	28.1	24.8	18.8	0	27.6	0	23.1	0	0	0	0	33.5
P2N_Rx1094	616496	6433662	28.3	25	19.1	0	27.8	0	23.3	0	0	0	0	33.7
P2N_Rx1096	616430	6433668	28.6	25.2	19.3	0	28	0	23.6	0	0	0	0	34.0
P2N_Rx1097	616406	6433670	28.6	25.3	19.3	0	28.1	0	23.6	0	0	0	0	34.0
P2N_Rx1098	616699	6433671	27.4	24.1	18.1	0	26.9	0	22.4	0	0	0	0	32.8
P2N_Rx1101	617001	6433676	25.9	22.6	16.6	0	25.5	0	20.9	0	0	0	0	31.3
P2N_Rx1102	616487	6433684	28.2	24.9	18.9	0	27.7	0	23.2	0	0	0	0	33.6
P2N_Rx1103	616779	6433687	26.9	23.6	17.6	0	26.5	0	21.9	0	0	0	0	32.3
P2N_Rx1105	616493	6433697	28.1	24.8	18.8	0	27.6	0	23.1	0	0	0	0	33.5
P2N_Rx1106	616504	6433712	27.9	24.6	18.7	0	27.4	0	22.9	0	0	0	0	33.3
P2N_Rx1109	616573	6433717	27.6	24.3	18.3	0	27.1	0	22.6	0	0	0	0	33.0
P2N_Rx1110	616644	6433720	27.3	24	18	0	26.8	0	22.3	0	0	0	0	32.7
P2N_Rx1111	616787	6433731	26.6	23.3	17.3	0	26.2	0	21.6	0	0	0	0	32.0
P2N_Rx1113	616707	6433737	26.9	23.6	17.7	0	26.5	0	21.9	0	0	0	0	32.3
P2N_Rx1114	616512	6433745	27.7	24.3	18.4	0	27.2	0	22.7	0	0	0	0	33.1
P2N_Rx1115	616443	6433748	27.9	24.6	18.6	0	27.4	0	22.9	0	0	0	0	33.3
P2N_Rx1116	616652	6433753	27	23.7	17.8	0	26.6	0	22	0	0	0	0	32.4
P2N_Rx1117	616584	6433767	27.2	23.9	18	0	26.8	0	22.2	0	0	0	0	32.6
P2N_Rx1118	616715	6433778	26.6	23.3	17.4	0	26.2	0	21.6	0	0	0	0	32.0
P2N_Rx1119	616520	6433781	27.4	24.1	18.1	0	26.9	0	22.4	0	0	0	0	32.8
P2N_Rx1120	616452	6433786	27.6	24.3	18.3	0	27.1	0	22.6	0	0	0	0	33.0
P2N_Rx1121	616655	6433803	26.7	23.4	17.5	0	26.3	0	21.7	0	0	0	0	32.1
P2N_Rx1122	616721	6433808	26.4	23.1	17.2	0	26	0	21.4	0	0	0	0	31.8
P2N_Rx1124	616589	6433814	26.9	23.6	17.6	0	26.4	0	21.9	0	0	0	0	32.3
P2N_Rx1125	616529	6433816	27.1	23.8	17.8	0	26.6	0	22.1	0	0	0	0	32.5
P2N_Rx1126	616457	6433822	27.3	24	18	0	26.8	0	22.3	0	0	0	0	32.7
P2N_Rx1127	616661	6433841	26.4	23.1	17.2	0	26	0	21.4	0	0	0	0	31.8
P2N_Rx1129	615825	6434056	26.4	23.2	17.2	0	26	0	21.4	0	0	0	0	31.9
P2N_Rx1301	602007	6332895	0	0	0	0	0	0	-5	45	49	45	52.8	8.5

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S9: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1302	601053	6333120	0	0	0	0	0	0	-5	32.1	36.1	32.1	35.5	8.5
P2N_Rx1303	600081	6332659	0	0	0	0	0	0	-5	24.7	28.7	24.7	17.9	8.5
P2N_Rx1304	602135	6331333	0	0	0	0	0	0	-5	33	37	33	32.4	8.5
P2N_Rx1305	603288	6333817	24.4	21.3	0	0	24.4	0	19.4	46.3	50.3	46.3	29	29.8
P2N_Rx1306	616579	6429153	0	0	0	0	0	0	-5	0	0	0	0	8.5
P2N_Rx1307	617860	6429135	0	0	0	0	0	0	-5	0	0	0	0	8.5
P2N_Rx1308	617307	6429464	0	0	0	0	0	0	-5	0	0	0	0	8.5
P2N_Rx1309	606476	6401590	47.8	0	35.7	21.8	36.3	0	42.8	0	0	0	0	51.1
P2N_Rx1310	617054	6428745	0	0	0	0	0	0	-5	0	0	0	0	8.5
P2N_Rx1311	607713	6332876	25.8	0	14.3	0	24.8	0	20.8	0	0	0	0	30.4
P2N_Rx1312	607809	6332571	24.8	0	0	0	23.7	0	19.8	0	0	0	0	29.3
P2N_Rx1313	607811	6332613	24.8	0	0	0	23.8	0	19.8	0	0	0	0	29.3
P2N_Rx1314	616402	6433536	29.7	26.4	20.4	0	29.2	0	24.7	0	0	0	0	35.1
P2N_Rx1315	607730	6332876	25.7	0	0	0	24.7	0	20.7	0	0	0	0	30.2
P2N_Rx1316	607989	6332949	24	0	0	0	0	0	19	0	0	0	0	27.1
P2N_Rx1317	611233	6378984	35.3	32.3	25	26.2	35.1	33.9	30.3	0	0	0	0	41.7
P2N_Rx1318	607817	6332760	25	0	0	0	24	0	20	0	0	0	0	29.5
P2N_Rx1319	607849	6332807	24.8	0	0	0	23.8	0	19.8	0	0	0	0	29.3
P2N_Rx1320	617054	6432571	29.4	26.3	20.3	0	29.2	0	24.4	0	0	0	0	34.9
P2N_Rx1321	616595	6433841	26.7	23.4	17.4	0	26.2	0	21.7	0	0	0	0	32.1
P2N_Rx1322	616474	6432189	35.4	32.3	26.3	0	35.3	0	30.4	0	0	0	0	41.0
P2N_Rx1323	616688	6432261	32.9	29.9	23.9	0	32.9	0	27.9	0	0	0	0	38.5
P2N_Rx1324	616628	6432390	34	30.9	25	0	33.9	0	29	0	0	0	0	39.6
P2N_Rx1325	616710	6432414	33	29.9	24	0	32.9	0	28	0	0	0	0	38.6
P2N_Rx1326	616570	6432434	34.9	31.8	25.8	0	34.7	0	29.9	0	0	0	0	40.4
P2N_Rx1327	616630	6432434	34.1	31	25	0	33.9	0	29.1	0	0	0	0	39.6
P2N_Rx1329	616710	6432472	33.1	30	24	0	32.9	0	28.1	0	0	0	0	38.6
P2N_Rx1330	616441	6433712	28.2	24.8	18.9	0	27.7	0	23.2	0	0	0	0	33.6
P2N_Rx1331	616941	6433258	28.4	25.1	19.1	0	28	0	23.4	0	0	0	0	33.8
P2N_Rx1332	616644	6433286	30.3	27	21	0	29.8	0	25.3	0	0	0	0	35.7
P2N_Rx1333	616644	6433687	27.5	24.2	18.3	0	27.1	0	22.5	0	0	0	0	32.9
P2N_Rx1334	616567	6433671	28	24.7	18.7	0	27.5	0	23	0	0	0	0	33.4
P2N_Rx1335	616578	6433333	30.4	27.1	21.1	0	29.9	0	25.4	0	0	0	0	35.8
P2N_Rx1336	616630	6433640	27.9	24.6	18.6	0	27.4	0	22.9	0	0	0	0	33.3
P2N_Rx1337	616698	6433275	30	26.7	20.7	0	29.5	0	25	0	0	0	0	35.4
P2N_Rx1338	616366	6433355	31.5	28.1	22.2	0	30.9	0	26.5	0	0	0	0	36.9
P2N_Rx1339	616586	6433371	30.1	26.7	20.8	0	29.5	0	25.1	0	0	0	0	35.5
P2N_Rx1340	616589	6433404	29.8	26.5	20.5	0	29.3	0	24.8	0	0	0	0	35.2
P2N_Rx1341	616551	6433602	28.5	25.2	19.3	0	28	0	23.5	0	0	0	0	33.9
P2N_Rx1342	616674	6433478	28.8	25.5	19.5	0	28.3	0	23.8	0	0	0	0	34.2
P2N_Rx1343	616540	6433517	29.2	25.9	19.9	0	28.7	0	24.2	0	0	0	0	34.6
P2N_Rx1344	616482	6433561	29.2	25.8	19.9	0	28.6	0	24.2	0	0	0	0	34.6

Table C.2 Updated construction noise impacts for individual receivers

Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_WORx0001	611631	6378275	33.4	29.1	23.1	20.1	33.2	0	32.5	28.4	0	0	0	39.7
P2N_WORx0002	611854	6378051	31.7	26.3	20.4	17.6	31.6	0	31.4	26.7	0	0	0	38.0

Construction vibration impacts

The construction vibration assessment has been updated in accordance with BS6742:1992, as per the approach presented in AVTG. The assessment, evaluates a VDV, which incorporates the magnitude of vibration and the length of time the source operates. The VDV provides a cumulative descriptor of the vibration level received for a given period.

Table C.2 presents the maximum acceptable VDV for intermittent construction activities, as per BS 6472:1992.

Table C.2 *Acceptable VDV for intermittent vibration (m/s^{1.75})*

Location	Day time maximum	Day-time preferred	Night-time maximum	Night-time preferred
Residential	0.4	0.2	0.26	0.13

Methodology

BS 6472:1992 provides a method to calculate the estimated VDV using root-mean-square (r.m.s.) vibration velocity. The estimated VDV (eVDV) is calculated as:

$$\text{eVDV} = 0.07 \times V_{\text{rms}} \times t^{0.25} \text{ (m/s}^{1.75}\text{)}$$

Where t= duration of the event.

The eVDV from construction equipment has been estimated, with assumptions discussed in this section.

With regards to frequency the AVTG states the following:

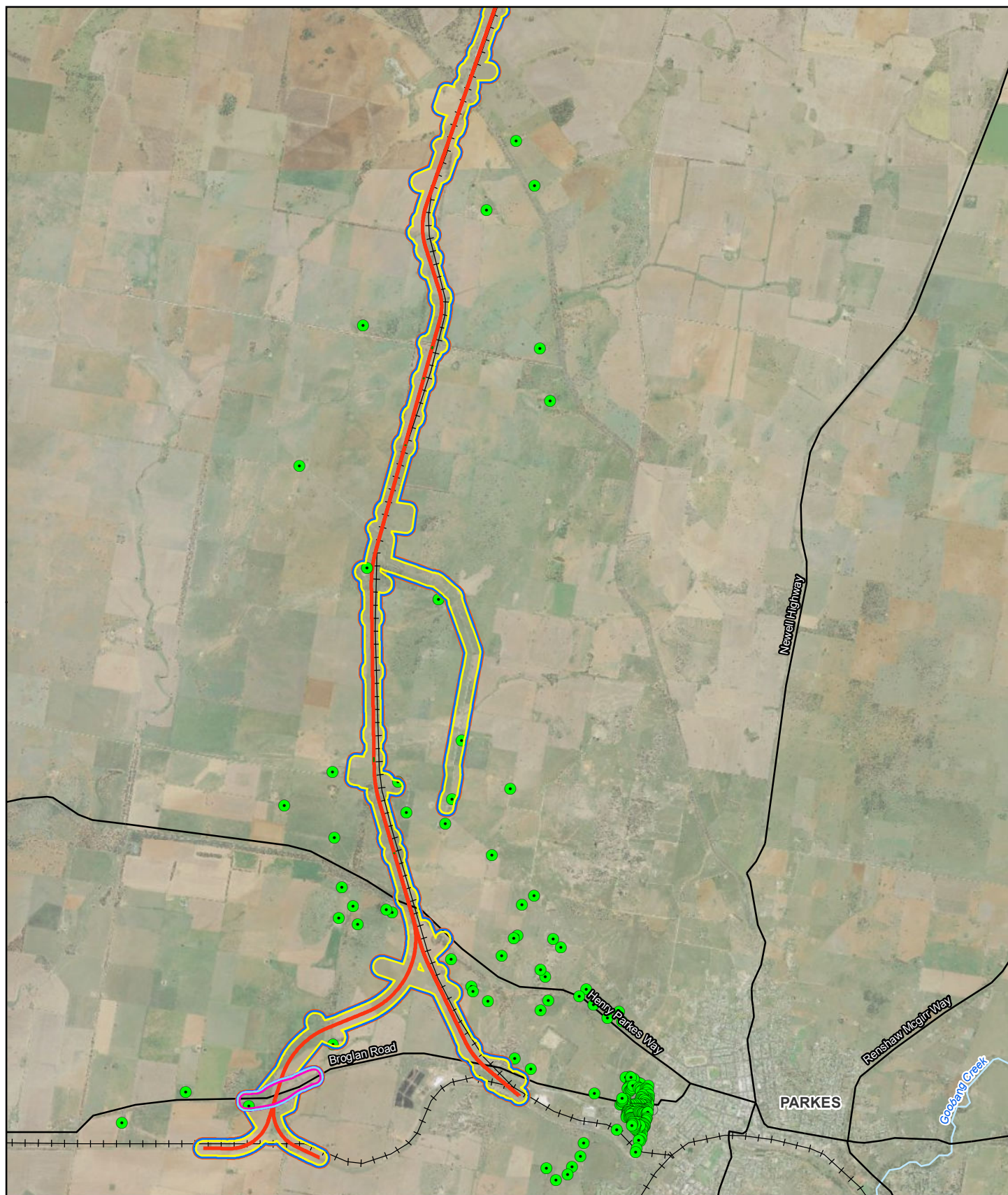
“Over the frequency range of 8 to 80 Hz, z-axis velocity requires no frequency weighting in order to determine annoyance or disturbance response (no weighting over frequency range 2–80 Hz for x- and y-axis vibration). At frequencies below 8 Hz, the use of unweighted velocity is more strict than the requirements of BS 6472.”

Furthermore to estimate r.m.s. vibration velocity from available PPV values for given plant items, a sinusoidal waveform has been assumed. This PPV is also based on the conservative propagation relationship of $d^{-0.8}$. Considering these assumptions the assessment of human comfort vibration impacts using eVDV calculated from velocity is conservative in nature.

An additional assumption of operating time of vibration generating equipment is required to calculate the eVDV. The construction methodology is not known to this level of detail at this stage. The linear nature of the works would typically result in intermittent vibration levels at any given location as equipment moves along the alignment (eg a vibratory roller passing up and down a section of the works). Therefore, a cumulative duration of one hour for a given plant item during the 15-hour day period has been assumed. The same proportion of time has been assumed for the night period (1/15th of the 1-hour period 6am – 7am). The 15-hour day period is as per that provided in the AVTG, where daytime is defined as 7am to 10pm and night time is defined as 10pm to 7am.

Construction vibration buffer distances

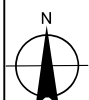
Predicted safe working buffer distances to comply with the human comfort criteria were calculated for typical vibration values, and are listed in Table C.3. Figure C.1 shows the sensitive receivers located within the buffer distances as per those provided in the AVTG (BS 6742:1992) and those provided in BS 5228-2:2009. Identification numbers for potentially impacted sensitive receivers are provided in Table C.4.



LEGEND

- | | | | |
|---|---|---|---|
| ● Sensitive receiver | ~ Watercourse | ○ Piling (bored)- BS 5228-2 criteria | ○ 15 tonne vibratory roller- AVTG day-time maximum criteria |
| — The proposal | ○ Piling (bored)- AVTG night-time maximum criteria | ○ 15 tonne vibratory roller- AVTG night-time maximum criteria | ○ 15 tonne vibratory roller-BS 5228-2 criteria |
| — Road | ○ Piling (bored)- AVTG day-time maximum criteria | | |
| + + + Railway | | | |

Paper Size A4
0 0.5 1 2 3
Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Parkes to Narromine

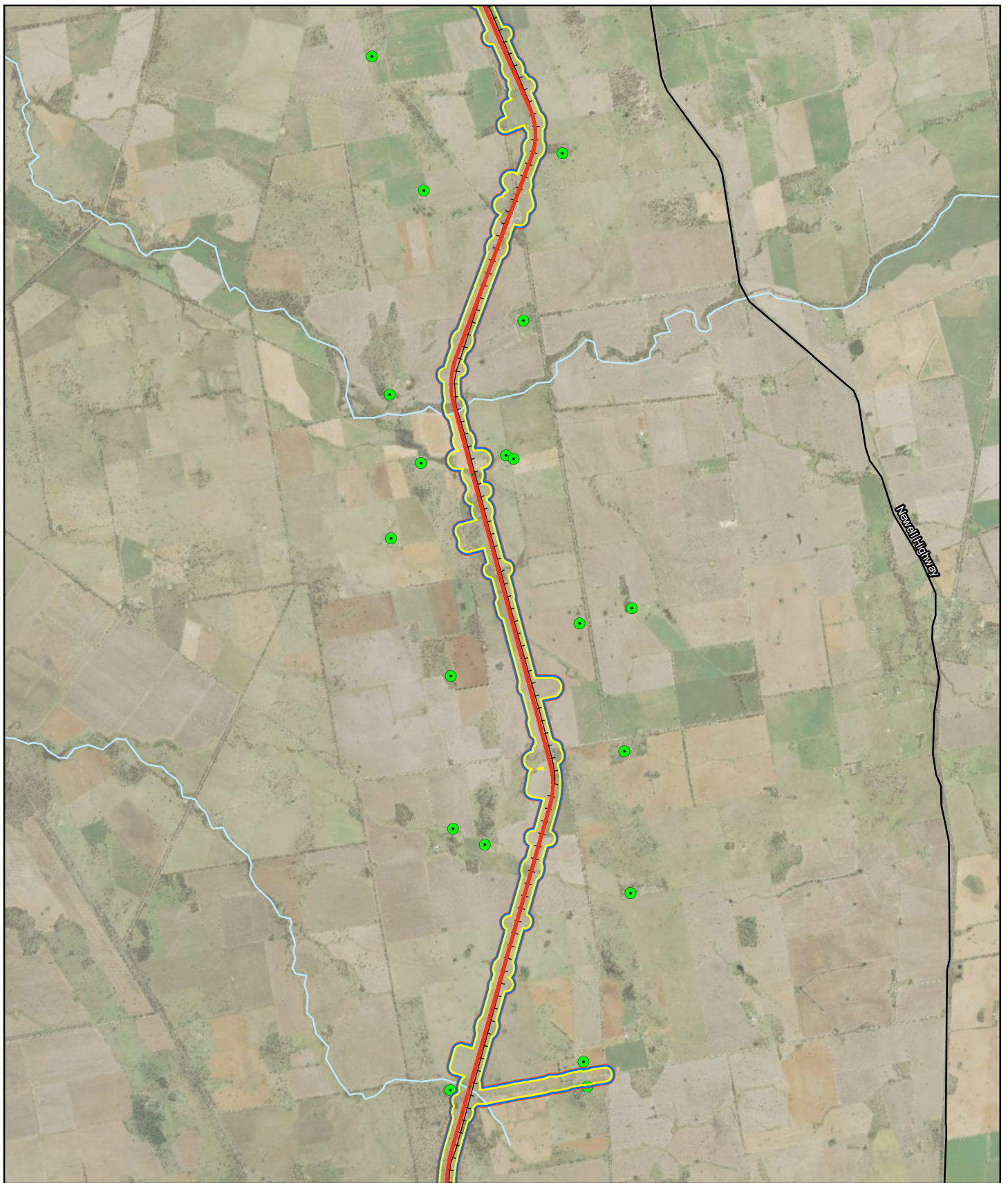
Job Number 22-17916
Revision 0
Date 10 Oct 2017

Construction vibration-
human comfort impacts

Figure C.1

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Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmackay, kpsroba



LEGEND

- Sensitive receiver
- Watercourse
- The proposal
- 15 tonne vibratory roller-
AVTG night-time maximum
criteria
- 15 tonne vibratory roller-
AVTG day-time maximum
criteria
- Road
- 15 tonne vibratory roller-BS
5228-2 criteria
- + + + Railway

Paper Size A4
0 0.5 1 2 3
Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Parkes to Narromine

Job Number 22-17916
Revision 0
Date 10 Oct 2017

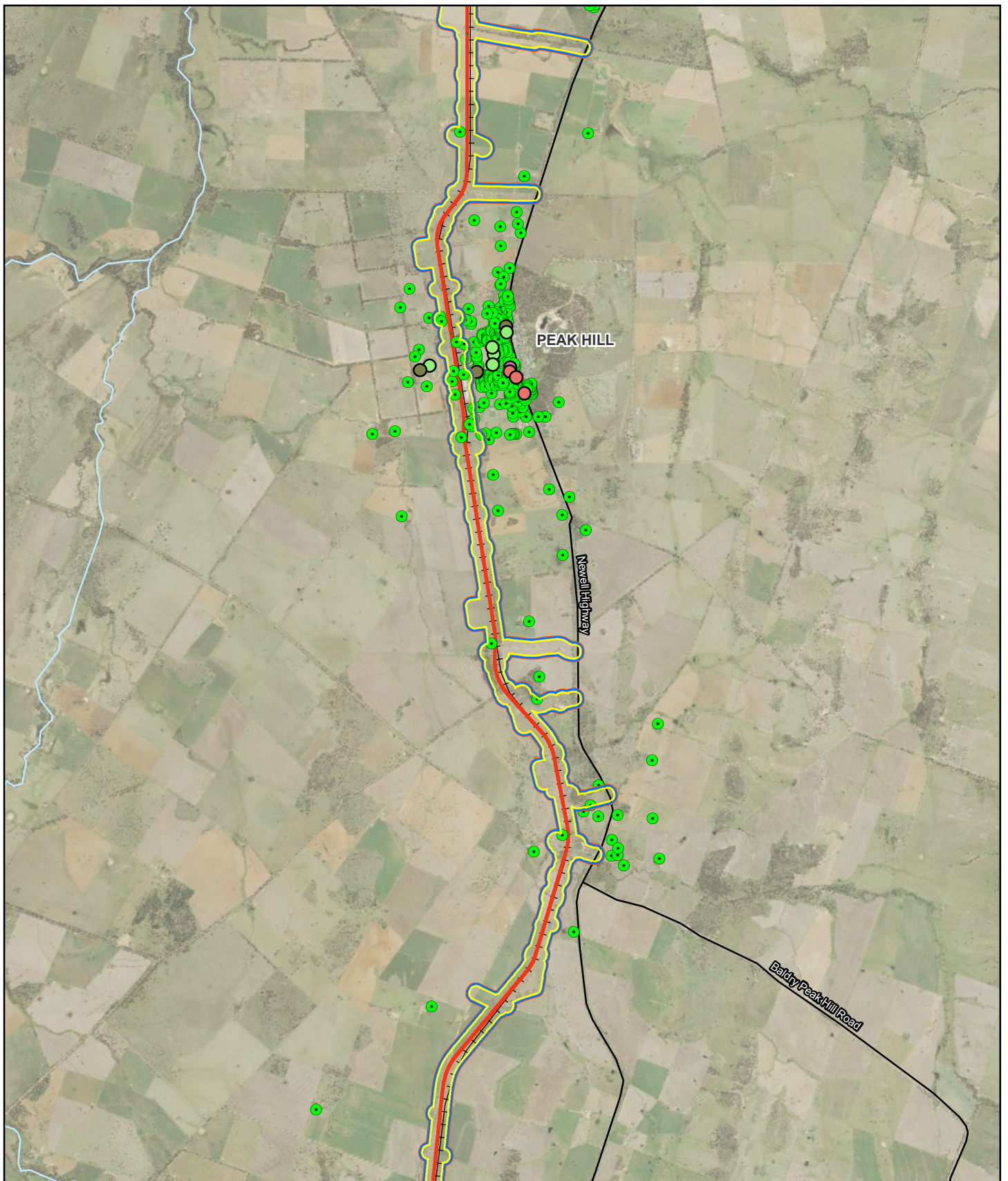
Construction vibration-
human comfort impacts

Figure C.1

G:\22\17916\GIS\Maps\Deliverables\P2N\Noise\2217916_N010_P2N_Construction_Vibration_0.mxd, Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntmail@ghd.com W www.ghd.com.au

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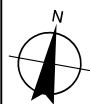
Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | | |
|---|--|--|--|
| ● Sensitive receiver | ● Religious | ~ Watercourse | ○ 15 tonne vibratory roller-AVTG day-time maximum criteria |
| ○ Active recreation | — The proposal | ○ 15 tonne vibratory roller-AVTG night-time maximum criteria | ○ 15 tonne vibratory roller-BS 5228-2 criteria |
| ● Education | — Road | | |
| ● Passive recreation | + + + Railway | | |

Paper Size A4
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 Kilometers
 Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
 Inland Rail - Parkes to Narromine

Job Number	22-17916
Revision	0
Date	10 Oct 2017

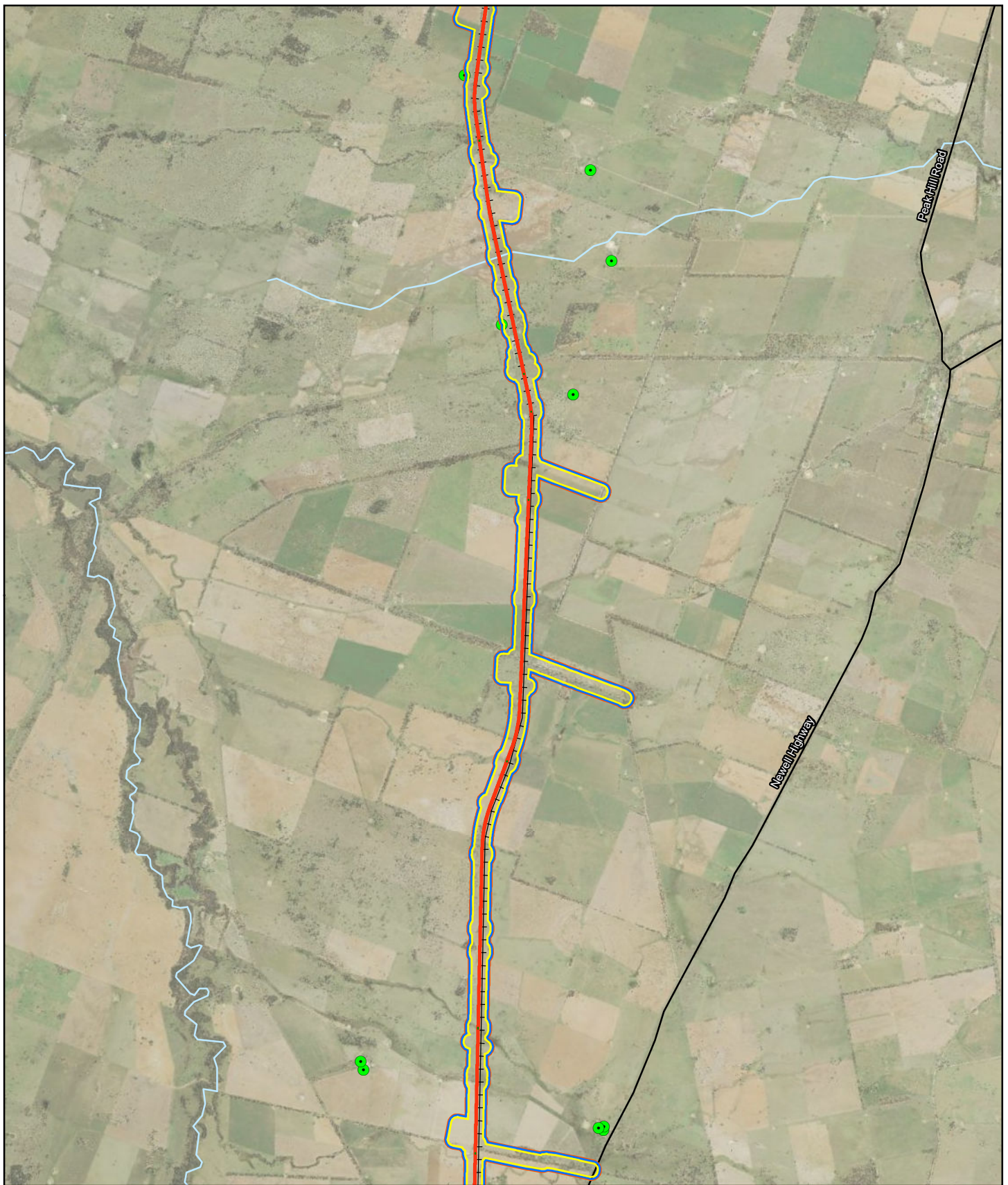
Construction vibration-
 human comfort impacts

Figure C.1

G:\22\17916\GIS\Maps\Deliverables\P2N\Noise\2217916_N010_P2N_Construction_Vibration_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntmil@ghd.com W www.ghd.com.au

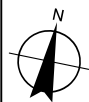
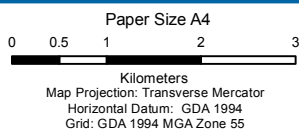
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Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmackay, kpsroba



LEGEND

- Sensitive receiver
- Watercourse
- The proposal
- 15 tonne vibratory roller-AVTG night-time maximum criteria
- 15 tonne vibratory roller-AVTG day-time maximum criteria
- Road
- 15 tonne vibratory roller-BS 5228-2 criteria
- + + + Railway



Australian Rail Track Corporation
Inland Rail - Parkes to Narromine

Job Number 22-17916
Revision 0
Date 10 Oct 2017

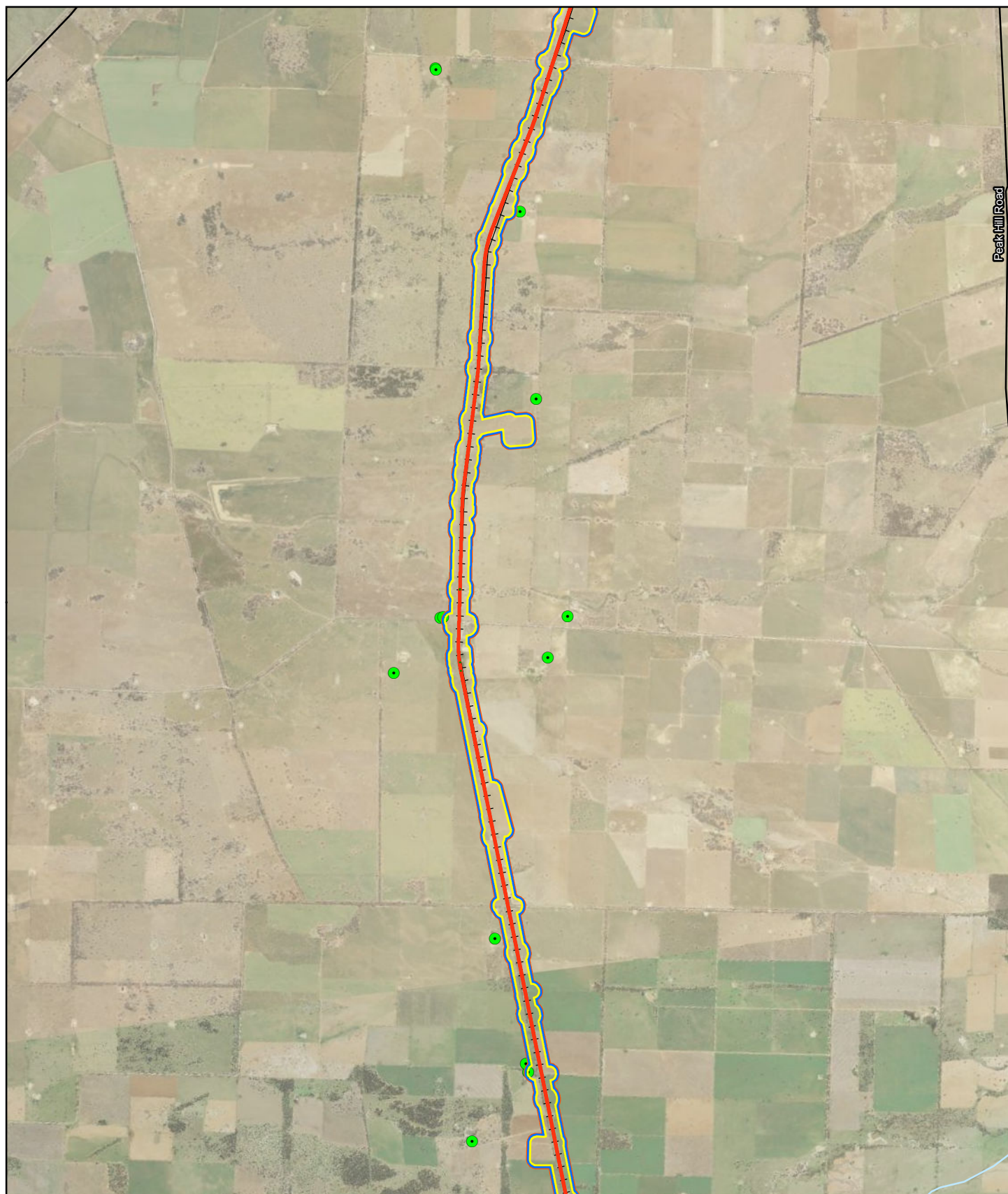
Construction vibration-
human comfort impacts

Figure C.1

G:\22\17916\GIS\Maps\Deliverables\P2N\Noise\2217916_N010_P2N_Construction_Vibration_0.mxd, Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntmil@ghd.com W www.ghd.com.au

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Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmackay, kpsroba

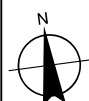


Peak Hill Road

LEGEND

- Sensitive receiver
- The proposal
- Road
- + + + Railway
- Watercourse
- 15 tonne vibratory roller-AVTG night-time maximum criteria
- 15 tonne vibratory roller-AVTG day-time maximum criteria
- 15 tonne vibratory roller-BS 5228-2 criteria

Paper Size A4
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Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Parkes to Narromine

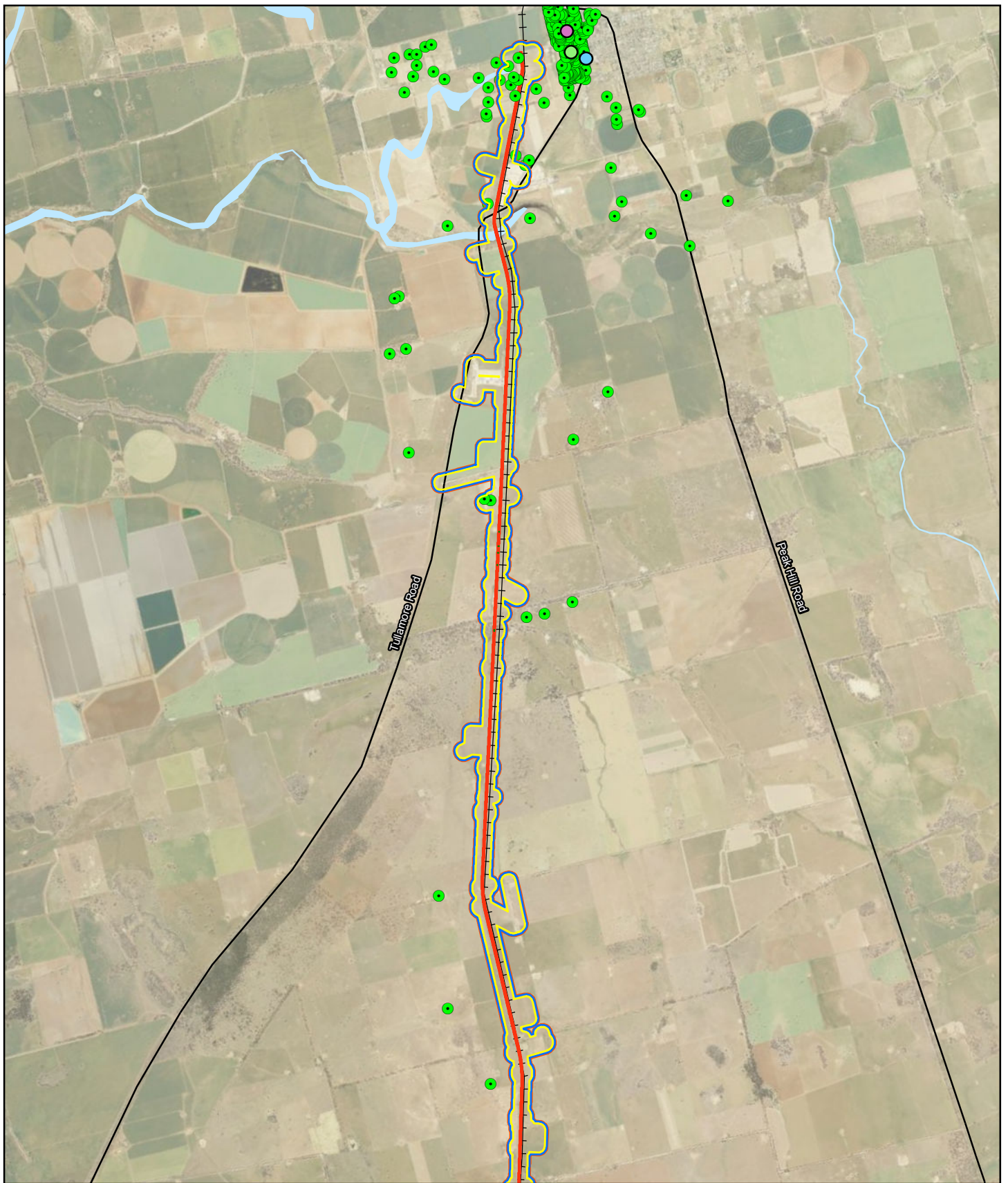
Job Number 22-17916
Revision 0
Date 10 Oct 2017

Construction vibration-
human comfort impacts

Figure C.1

G:\22\17916\GIS\Maps\Deliverables\P2N\Noise\2217916_N010_P2N_Construction_Vibration_0.mxd, Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntmail@ghd.com W www.ghd.com.au
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Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmackay, kpsroba



LEGEND

- | | | | |
|---|--|---|---|
| ● Sensitive receiver | — The proposal | 15 tonne vibratory roller-AVTG night-time maximum criteria | 15 tonne vibratory roller-BS 5228-2 criteria |
| ● Active recreation | — Road | | |
| ● Health | —+—+— Railway | 15 tonne vibratory roller-AVTG day-time maximum criteria | |
| ● Religious | ~ Watercourse | | |

Paper Size A4
 0 0.5 1 2 3
 Kilometers
 Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
 Inland Rail - Parkes to Narromine

Job Number	22-17916
Revision	0
Date	10 Oct 2017

Construction vibration-
 human comfort impacts

Figure C.1

G:\22\17916\GIS\Maps\Deliverables\P2N\Noise\2217916_N010_P2N_Construction_Vibration_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntmail@ghd.com W www.ghd.com.au
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Data source: LPI: Imagery, 2012. Commonwealth of Australia (Geoscience Australia): 250K Topographic Data Series 3, 2006. Created by: tmorton, fmackay, kpsroba

Table C.3 *Vibration buffer distances – intermittent vibration*

Equipment	Human comfort BS 5228-2 criteria (1.0mm/s)	Human comfort ACTG criteria, VDV (m/s ^{1.75})			
		Day preferred value 0.2m/s ^{1.75}	Day maximum value 0.4m/s ^{1.75}	Night preferred value 0.13m/s ^{1.75}	Night maximum value 0.26m/s ^{1.75}
Roller	90 m	212 m	89 m	156 m	65 m
15 tonne vibratory roller	140 m	303 m	128 m	223 m	94 m
7 tonne compactor	90 m	212 m	89 m	156 m	65 m
Dozer	60 m	128 m	54 m	94 m	39 m
Backhoe	10 m	23 m	9 m	17 m	7 m
Excavator	25 m	57 m	24 m	42 m	18 m
Piling impact)	700 m	1583 m	666 m	1164 m	489 m
Piling (vibratory) ¹	110 m	767 m	101 m	147 m	83 m
Piling (bored)	120 m	275 m	116 m	202 m	85 m

Notes 1: Based on levels derived from BS 5228-2. Vibratory piling based on $d^{-1.2}$ propagation relationship
 2: Vibration may be amplified in multi-level buildings through the structure to the upper floors. A doubling of the buffer distances provided in Table 1 would provide a conservative allowance for this possible effect where multi storey buildings are identified.

Table C.4 *IDs of sensitive receivers within human comfort buffer distances*

15 tonne vibratory roller (BS 5228-2:2009 criteria 140 m from construction boundary)	15 tonne vibratory roller (AVTG day-time max criteria 128 m from construction boundary)	15 tonne vibratory roller (AVTG night-time max criteria 94 m from construction boundary)	Piling (bored) (AVTG day-time max criteria 116 m from bridges)	Piling (bored) (AVTG night-time max criteria 85 m from bridges)	Piling (bored) (BS 5228-2:2009 criteria 120 m from bridges)
P2N_Rx0209	P2N_Rx0209	P2N_Rx0209	P2N_Rx1301	P2N_Rx1301	P2N_Rx1301
P2N_Rx0213	P2N_Rx0213	P2N_Rx0213			
P2N_Rx0248	P2N_Rx0248	P2N_Rx0248			
P2N_Rx0254	P2N_Rx0254	P2N_Rx0254			
P2N_Rx0281	P2N_Rx0281	P2N_Rx0281			
P2N_Rx0285	P2N_Rx0285	P2N_Rx0285			
P2N_Rx0323	P2N_Rx0323	P2N_Rx0323			
P2N_Rx0527	P2N_Rx0527	P2N_Rx0527			

15 tonne vibratory roller (BS 5228-2:2009 criteria 140 m from construction boundary)	15 tonne vibratory roller (AVTG day-time max criteria 128 m from construction boundary)	15 tonne vibratory roller (AVTG night-time max criteria 94 m from construction boundary)	Piling (bored) (AVTG day-time max criteria 116 m from bridges)	Piling (bored) (AVTG night-time max criteria 85 m from bridges)	Piling (bored) (BS 5228-2:2009 criteria 120 m from bridges)
P2N_Rx0600	P2N_Rx0600	P2N_Rx0600			
P2N_Rx0613	P2N_Rx0613	P2N_Rx0613			
P2N_Rx0644	P2N_Rx0644	P2N_Rx0702			
P2N_Rx0645	P2N_Rx0645	P2N_Rx0747			
P2N_Rx0651	P2N_Rx0651	P2N_Rx0752			
P2N_Rx0702	P2N_Rx0702	P2N_Rx0766			
P2N_Rx0747	P2N_Rx0747	P2N_Rx0258			
P2N_Rx0752	P2N_Rx0752	P2N_Rx0260			
P2N_Rx0766	P2N_Rx0766	P2N_Rx0272			
P2N_Rx0258	P2N_Rx0258	P2N_Rx0287			
P2N_Rx0260	P2N_Rx0260	P2N_Rx0380			
P2N_Rx0272	P2N_Rx0272	P2N_Rx0373			
P2N_Rx0274	P2N_Rx0274	P2N_Rx0462			
P2N_Rx0287	P2N_Rx0287	P2N_Rx0464			
P2N_Rx0380	P2N_Rx0380	P2N_Rx0517			
P2N_Rx0373	P2N_Rx0373	P2N_Rx0630			
P2N_Rx0454	P2N_Rx0454	P2N_Rx0631			
P2N_Rx0462	P2N_Rx0462	P2N_Rx0762			
P2N_Rx0464	P2N_Rx0464	P2N_Rx0804			
P2N_Rx0517	P2N_Rx0517	P2N_Rx0207			
P2N_Rx0630	P2N_Rx0630	P2N_Rx0211			
P2N_Rx0631	P2N_Rx0631	P2N_Rx0283			
P2N_Rx0762	P2N_Rx0762	P2N_Rx0297			
P2N_Rx0789	P2N_Rx0789	P2N_Rx1301			
P2N_Rx0804	P2N_Rx0804	P2N_Rx1305			

15 tonne vibratory roller (BS 5228-2:2009 criteria 140 m from construction boundary)	15 tonne vibratory roller (AVTG day-time max criteria 128 m from construction boundary)	15 tonne vibratory roller (AVTG night-time max criteria 94 m from construction boundary)	Piling (bored) (AVTG day-time max criteria 116 m from bridges)	Piling (bored) (AVTG night-time max criteria 85 m from bridges)	Piling (bored) (BS 5228-2:2009 criteria 120 m from bridges)
P2N_Rx0207	P2N_Rx0207				
P2N_Rx0211	P2N_Rx0211				
P2N_Rx0221	P2N_Rx0221				
P2N_Rx0283	P2N_Rx0283				
P2N_Rx0297	P2N_Rx0297				
P2N_Rx0424	P2N_Rx0424				
P2N_Rx0608	P2N_Rx0608				
P2N_Rx0619	P2N_Rx1301				
P2N_Rx1301	P2N_Rx1305				
P2N_Rx1305					

Table C.5 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_EDUx0001	611919	6377926												
P2N_EDUx0002	611638	6378217												
P2N_EDUx0003	611742	6378144												
P2N_HOSx0001	616743	6431996												
P2N_REAx0001	611346	6378430												
P2N_REAx0002	611300	6378535												
P2N_REAx0003	610416	6378088												
P2N_REAx0004	610279	6377995												
P2N_REAx0005	616569	6432186												
P2N_REAx0006	611481	6378802												
P2N_REPx0001	611454	6378883												
P2N_REPx0002	611356	6378274												
P2N_Rx0001	606647	6331731												
P2N_Rx0002	606824	6331821												
P2N_Rx0003	606509	6331922												
P2N_Rx0004	606894	6331933												
P2N_Rx0005	607021	6332094												
P2N_Rx0006	607856	6332157												
P2N_Rx0007	607872	6332204												
P2N_Rx0008	607071	6332296												
P2N_Rx0009	607923	6332320												
P2N_Rx0010	607907	6332332												
P2N_Rx0011	607943	6332368												
P2N_Rx0012	607953	6332425												
P2N_Rx0013	607919	6332448												
P2N_Rx0014	607899	6332458												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0015	607882	6332474												
P2N_Rx0016	607953	6332486												
P2N_Rx0017	607576	6332497												
P2N_Rx0018	607886	6332497												
P2N_Rx0019	607966	6332502												
P2N_Rx0020	607843	6332515												
P2N_Rx0021	607891	6332518												
P2N_Rx0022	607979	6332519												
P2N_Rx0023	607989	6332534												
P2N_Rx0024	607846	6332536												
P2N_Rx0025	607889	6332542												
P2N_Rx0026	607805	6332554												
P2N_Rx0027	607852	6332556												
P2N_Rx0028	608001	6332557												
P2N_Rx0029	607926	6332557												
P2N_Rx0030	607906	6332564												
P2N_Rx0031	607994	6332571												
P2N_Rx0033	607852	6332578												
P2N_Rx0034	607975	6332584												
P2N_Rx0035	607814	6332591												
P2N_Rx0036	607955	6332593												
P2N_Rx0037	607930	6332599												
P2N_Rx0038	607896	6332604												
P2N_Rx0039	607910	6332606												
P2N_Rx0040	607858	6332613												
P2N_Rx0042	608006	6332629												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0043	607950	6332640												
P2N_Rx0044	608021	6332650												
P2N_Rx0045	607886	6332652												
P2N_Rx0046	607911	6332653												
P2N_Rx0047	607870	6332655												
P2N_Rx0048	607963	6332657												
P2N_Rx0049	608029	6332660												
P2N_Rx0050	607853	6332664												
P2N_Rx0051	607830	6332666												
P2N_Rx0052	607812	6332668												
P2N_Rx0053	607970	6332669												
P2N_Rx0054	607794	6332671												
P2N_Rx0055	607779	6332675												
P2N_Rx0056	607760	6332677												
P2N_Rx0057	607723	6332683												
P2N_Rx0058	607727	6332698												
P2N_Rx0059	608000	6332701												
P2N_Rx0060	607983	6332705												
P2N_Rx0061	607968	6332708												
P2N_Rx0062	607839	6332708												
P2N_Rx0063	607819	6332709												
P2N_Rx0064	607946	6332710												
P2N_Rx0065	607934	6332710												
P2N_Rx0066	607730	6332715												
P2N_Rx0067	607803	6332716												
P2N_Rx0068	607787	6332723												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0069	607772	6332724												
P2N_Rx0070	607736	6332733												
P2N_Rx0071	608021	6332734												
P2N_Rx0072	607997	6332742												
P2N_Rx0073	608033	6332744												
P2N_Rx0074	607978	6332746												
P2N_Rx0075	607960	6332749												
P2N_Rx0076	607736	6332753												
P2N_Rx0077	607944	6332753												
P2N_Rx0078	608044	6332760												
P2N_Rx0080	607924	6332760												
P2N_Rx0081	607834	6332762												
P2N_Rx0082	607907	6332764												
P2N_Rx0083	607781	6332765												
P2N_Rx0084	607798	6332767												
P2N_Rx0085	607739	6332768												
P2N_Rx0086	607748	6332787												
P2N_Rx0087	608005	6332797												
P2N_Rx0088	607987	6332799												
P2N_Rx0089	607967	6332801												
P2N_Rx0090	607949	6332803												
P2N_Rx0091	608025	6332804												
P2N_Rx0092	607929	6332805												
P2N_Rx0093	607897	6332806												
P2N_Rx0094	607823	6332807												
P2N_Rx0095	607912	6332807												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0097	607872	6332809												
P2N_Rx0098	607796	6332811												
P2N_Rx0099	607738	6332812												
P2N_Rx0100	608044	6332813												
P2N_Rx0101	607756	6332815												
P2N_Rx0102	608005	6332859												
P2N_Rx0103	607978	6332862												
P2N_Rx0104	607890	6332864												
P2N_Rx0105	608020	6332868												
P2N_Rx0106	607915	6332869												
P2N_Rx0107	607834	6332870												
P2N_Rx0108	607766	6332875												
P2N_Rx0109	607693	6332875												
P2N_Rx0110	607955	6332876												
P2N_Rx0113	607805	6332878												
P2N_Rx0114	607634	6332880												
P2N_Rx0115	608057	6332881												
P2N_Rx0116	607863	6332883												
P2N_Rx0117	607652	6332884												
P2N_Rx0118	608002	6332894												
P2N_Rx0119	607699	6332902												
P2N_Rx0120	607656	6332910												
P2N_Rx0121	608055	6332912												
P2N_Rx0122	607708	6332922												
P2N_Rx0123	607970	6332927												
P2N_Rx0124	608012	6332929												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0125	607660	6332930												
P2N_Rx0126	607948	6332937												
P2N_Rx0127	607666	6332946												
P2N_Rx0128	608021	6332949												
P2N_Rx0130	607937	6332949												
P2N_Rx0131	607709	6332957												
P2N_Rx0132	608068	6332963												
P2N_Rx0133	607660	6332964												
P2N_Rx0134	608039	6332966												
P2N_Rx0135	608001	6332967												
P2N_Rx0136	607943	6332975												
P2N_Rx0137	607959	6332991												
P2N_Rx0138	608013	6332992												
P2N_Rx0139	608027	6333005												
P2N_Rx0140	607971	6333018												
P2N_Rx0141	608066	6333019												
P2N_Rx0142	608049	6333027												
P2N_Rx0143	608033	6333047												
P2N_Rx0144	607237	6333047												Y
P2N_Rx0145	608003	6333061												
P2N_Rx0146	607946	6333079												
P2N_Rx0147	607770	6333079												
P2N_Rx0148	607790	6333089												
P2N_Rx0149	608055	6333092												
P2N_Rx0150	607964	6333098												
P2N_Rx0151	607805	6333106												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0152	608038	6333107												
P2N_Rx0153	607741	6333111												
P2N_Rx0154	607937	6333113												
P2N_Rx0155	608017	6333119												
P2N_Rx0156	607910	6333123												
P2N_Rx0157	607816	6333129												
P2N_Rx0158	607757	6333138												
P2N_Rx0159	607769	6333148												
P2N_Rx0160	607825	6333152												
P2N_Rx0161	608060	6333156												
P2N_Rx0162	607787	6333174												
P2N_Rx0163	607862	6333174												
P2N_Rx0164	607938	6333184												
P2N_Rx0165	607914	6333199												
P2N_Rx0166	607805	6333207												
P2N_Rx0167	607795	6333223												
P2N_Rx0168	607858	6333235												
P2N_Rx0169	607838	6333265												
P2N_Rx0170	607718	6333285												
P2N_Rx0171	607800	6333288												
P2N_Rx0172	607778	6333298												
P2N_Rx0173	606281	6333424	Y			Y	Y							Y
P2N_Rx0174	606039	6333589	Y	Y		Y	Y		Y					Y
P2N_Rx0175	607668	6334133												
P2N_Rx0176	607443	6334195												
P2N_Rx0177	607620	6334277												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0178	606440	6334316												Y
P2N_Rx0179	607234	6334389												
P2N_Rx0180	606556	6334456												
P2N_Rx0181	605642	6334456	Y											Y
P2N_Rx0182	607024	6334514												
P2N_Rx0183	605417	6334604	Y				Y				Y			Y
P2N_Rx0184	607132	6334625												
P2N_Rx0185	605390	6334678	Y				Y				Y			Y
P2N_Rx0186	606509	6334826												
P2N_Rx0187	606439	6334927												
P2N_Rx0188	605085	6335096	Y	Y			Y		Y	Y	Y	Y		Y
P2N_Rx0189	605855	6335140									Y			Y
P2N_Rx0190	606751	6335264												
P2N_Rx0191	606632	6335392												
P2N_Rx0192	606037	6335405									Y			
P2N_Rx0193	606091	6335446									Y			
P2N_Rx0194	603678	6335637								Y	Y	Y		Y
P2N_Rx0195	603391	6335737								Y	Y	Y		Y
P2N_Rx0196	604200	6335810	Y	Y			Y		Y	Y	Y	Y		Y
P2N_Rx0197	604109	6335849	Y	Y			Y		Y	Y	Y	Y		Y
P2N_Rx0198	606166	6335910									Y			
P2N_Rx0199	603613	6335917								Y	Y	Y		Y
P2N_Rx0200	606348	6336046												
P2N_Rx0201	603442	6336202								Y	Y	Y		Y
P2N_Rx0202	605719	6336662									Y			
P2N_Rx0203	603335	6336953									Y			Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0204	605018	6337152									Y			Y
P2N_Rx0205	604431	6337320	Y				Y		Y		Y			Y
P2N_Rx0206	602580	6337450												
P2N_Rx0207	605121	6337526									Y			Y
P2N_Rx0208	606000	6337667												
P2N_Rx0209	604305	6337785	Y	Y			Y		Y		Y			Y
P2N_Rx0210	603315	6337945	Y				Y							Y
P2N_Rx0211	605270	6338406												
P2N_Rx0212	604944	6340546												Y
P2N_Rx0213	603861	6341031	Y				Y		Y					Y
P2N_Rx0214	602852	6342583												
P2N_Rx0215	606651	6343542												
P2N_Rx0216	606505	6344336												Y
P2N_Rx0217	603830	6344706												Y
P2N_Rx0218	605715	6346443												Y
P2N_Rx0219	606441	6346807												
P2N_Rx0220	606170	6347482												Y
P2N_Rx0221	608548	6350610												
P2N_Rx0222	608620	6350985												
P2N_Rx0223	606554	6351255	Y		Y		Y		Y					Y
P2N_Rx0224	610158	6353174												
P2N_Rx0225	608310	6354624												Y
P2N_Rx0226	607928	6355010												
P2N_Rx0227	610796	6355250												Y
P2N_Rx0228	608678	6357223												Y
P2N_Rx0229	611639	6357281												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0230	610805	6357330												Y
P2N_Rx0231	608524	6359518												
P2N_Rx0232	610703	6360044	Y				Y							Y
P2N_Rx0233	610606	6360125	Y				Y							Y
P2N_Rx0234	609342	6360451												Y
P2N_Rx0235	609240	6361599												Y
P2N_Rx0236	611545	6361985												Y
P2N_Rx0237	612965	6364201	Y				Y							Y
P2N_Rx0238	610781	6364374												
P2N_Rx0239	610715	6366575												
P2N_Rx0240	612174	6368440												Y
P2N_Rx0241	614115	6369946	Y				Y							Y
P2N_Rx0242	613292	6371054	Y	Y			Y							Y
P2N_Rx0243	614688	6371091												Y
P2N_Rx0244	614476	6371198												Y
P2N_Rx0245	614564	6371224												Y
P2N_Rx0246	615203	6371286												
P2N_Rx0247	614555	6371337												Y
P2N_Rx0248	613680	6371376	Y	Y	Y		Y		Y					Y
P2N_Rx0249	614439	6371440	Y											Y
P2N_Rx0250	614163	6371760	Y											Y
P2N_Rx0251	613931	6371790	Y						Y					Y
P2N_Rx0252	614459	6371825												Y
P2N_Rx0253	614993	6371877												
P2N_Rx0254	614021	6371901	Y						Y					Y
P2N_Rx0255	614088	6372224	Y				Y							Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0256	614826	6372748												
P2N_Rx0257	614819	6373310												
P2N_Rx0258	612931	6373361	Y				Y		Y					Y
P2N_Rx0259	612899	6373701	Y				Y							Y
P2N_Rx0260	612090	6374070	Y	Y	Y		Y		Y					Y
P2N_Rx0261	612600	6374506	Y											Y
P2N_Rx0262	612922	6375599												
P2N_Rx0263	610395	6375742												Y
P2N_Rx0264	613204	6376034												
P2N_Rx0265	611833	6376087	Y				Y		Y					Y
P2N_Rx0266	612811	6376199												
P2N_Rx0267	612869	6376491												
P2N_Rx0268	612538	6376549												Y
P2N_Rx0269	611665	6376614	Y				Y		Y					Y
P2N_Rx0270	609733	6376902												
P2N_Rx0271	610063	6377008												Y
P2N_Rx0272	611077	6377096	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0273	611498	6377145	Y	Y			Y	Y	Y					Y
P2N_Rx0274	611371	6377188	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0275	611434	6377225	Y	Y			Y	Y	Y					Y
P2N_Rx0276	611596	6377265	Y	Y			Y	Y						Y
P2N_Rx0277	611804	6377268												Y
P2N_Rx0278	611828	6377278												Y
P2N_Rx0279	611849	6377284												Y
P2N_Rx0280	611865	6377288												Y
P2N_Rx0281	611198	6377287	Y	Y	Y		Y	Y	Y					Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0282	611899	6377300												Y
P2N_Rx0283	611167	6377310	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0284	612085	6377361												Y
P2N_Rx0285	611222	6377410	Y	Y			Y	Y	Y					Y
P2N_Rx0286	611803	6377544												Y
P2N_Rx0287	611178	6377571	Y	Y			Y	Y	Y					Y
P2N_Rx0288	612000	6377578												Y
P2N_Rx0289	611271	6377598	Y				Y	Y	Y					Y
P2N_Rx0290	611788	6377605												Y
P2N_Rx0291	612182	6377621												Y
P2N_Rx0292	612292	6377631												Y
P2N_Rx0293	611896	6377638												Y
P2N_Rx0294	611328	6377680	Y				Y	Y	Y					Y
P2N_Rx0295	611572	6377694	Y				Y	Y						Y
P2N_Rx0296	611756	6377698												Y
P2N_Rx0297	610871	6377720	Y				Y	Y	Y					Y
P2N_Rx0298	611926	6377724												Y
P2N_Rx0299	611664	6377733	Y				Y	Y						Y
P2N_Rx0300	611748	6377737												Y
P2N_Rx0301	611740	6377767												Y
P2N_Rx0302	610420	6377767	Y				Y	Y						Y
P2N_Rx0303	611884	6377771												Y
P2N_Rx0304	610121	6377787												Y
P2N_Rx0305	611837	6377792												Y
P2N_Rx0306	611716	6377818												Y
P2N_Rx0307	611946	6377832												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0308	611771	6377832												Y
P2N_Rx0309	611711	6377834												Y
P2N_Rx0310	611416	6377844	Y				Y	Y						Y
P2N_Rx0311	611702	6377855												Y
P2N_Rx0312	611766	6377855												Y
P2N_Rx0313	611915	6377857												Y
P2N_Rx0314	611851	6377866												Y
P2N_Rx0315	611695	6377873												Y
P2N_Rx0316	611770	6377874												Y
P2N_Rx0317	611839	6377880												Y
P2N_Rx0318	611685	6377890												Y
P2N_Rx0319	611820	6377890												Y
P2N_Rx0320	611752	6377894												Y
P2N_Rx0321	612451	6377894												
P2N_Rx0322	611251	6377908	Y				Y	Y	Y					Y
P2N_Rx0323	610790	6377918	Y	Y			Y	Y	Y					Y
P2N_Rx0324	611748	6377912												Y
P2N_Rx0325	611686	6377912												Y
P2N_Rx0326	611310	6377917	Y				Y	Y	Y					Y
P2N_Rx0327	611242	6377926	Y				Y	Y	Y					Y
P2N_Rx0328	611822	6377934												Y
P2N_Rx0329	611303	6377935	Y				Y	Y	Y					Y
P2N_Rx0330	612027	6377941												Y
P2N_Rx0331	611377	6377945	Y				Y	Y						Y
P2N_Rx0332	611237	6377948	Y				Y	Y	Y					Y
P2N_Rx0333	611742	6377949												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0334	611805	6377955												Y
P2N_Rx0335	611301	6377955	Y				Y	Y	Y					Y
P2N_Rx0336	612029	6377963												Y
P2N_Rx0337	611233	6377964	Y				Y	Y	Y					Y
P2N_Rx0338	611379	6377967	Y				Y	Y						Y
P2N_Rx0339	611727	6377969												Y
P2N_Rx0340	611462	6377972	Y				Y	Y						Y
P2N_Rx0341	611805	6377973												Y
P2N_Rx0342	611375	6377981	Y				Y	Y						Y
P2N_Rx0343	612011	6377982												Y
P2N_Rx0344	611300	6377984	Y				Y	Y	Y					Y
P2N_Rx0345	611225	6377984	Y				Y	Y	Y					Y
P2N_Rx0346	611513	6377990	Y				Y	Y						Y
P2N_Rx0347	611285	6377995	Y				Y	Y	Y					Y
P2N_Rx0348	611422	6377996	Y				Y	Y						Y
P2N_Rx0349	612005	6377998												Y
P2N_Rx0350	611942	6377999												Y
P2N_Rx0351	611367	6378000	Y				Y	Y						Y
P2N_Rx0352	611219	6378002	Y				Y	Y	Y					Y
P2N_Rx0353	611802	6378005												Y
P2N_Rx0354	611566	6378005	Y				Y							Y
P2N_Rx0355	611504	6378008	Y				Y	Y						Y
P2N_Rx0356	611274	6378013	Y				Y	Y	Y					Y
P2N_Rx0357	612005	6378016												Y
P2N_Rx0358	611938	6378019												Y
P2N_Rx0359	611355	6378025	Y				Y	Y						Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0360	611502	6378027	Y				Y							Y
P2N_Rx0361	611209	6378028	Y				Y	Y	Y					Y
P2N_Rx0362	611787	6378030												Y
P2N_Rx0363	611561	6378030	Y				Y							Y
P2N_Rx0364	611270	6378034	Y				Y	Y	Y					Y
P2N_Rx0365	611640	6378036												Y
P2N_Rx0366	611996	6378036												Y
P2N_Rx0367	611934	6378039												Y
P2N_Rx0368	611348	6378039	Y				Y	Y						Y
P2N_Rx0369	611416	6378041	Y				Y	Y						Y
P2N_Rx0370	611134	6378045	Y				Y	Y	Y					Y
P2N_Rx0371	611493	6378045	Y				Y							Y
P2N_Rx0372	611565	6378051	Y				Y							Y
P2N_Rx0373	610945	6378052	Y	Y			Y	Y	Y					Y
P2N_Rx0374	611991	6378058												Y
P2N_Rx0375	611342	6378058	Y				Y	Y						Y
P2N_Rx0376	611405	6378059	Y				Y	Y						Y
P2N_Rx0377	611924	6378059												Y
P2N_Rx0378	611486	6378064	Y				Y							Y
P2N_Rx0379	611550	6378065	Y				Y							Y
P2N_Rx0380	610781	6378068	Y	Y			Y	Y	Y					Y
P2N_Rx0381	611195	6378067	Y				Y	Y	Y					Y
P2N_Rx0382	611333	6378072	Y				Y	Y						Y
P2N_Rx0383	611402	6378079	Y				Y	Y						Y
P2N_Rx0384	611247	6378084	Y				Y	Y	Y					Y
P2N_Rx0385	611479	6378085	Y				Y							Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0386	611260	6378090	Y				Y	Y	Y					Y
P2N_Rx0387	611279	6378090	Y				Y	Y						Y
P2N_Rx0388	611992	6378091												Y
P2N_Rx0389	611392	6378095	Y				Y	Y						Y
P2N_Rx0390	611331	6378098	Y				Y	Y						Y
P2N_Rx0391	611533	6378104	Y				Y							Y
P2N_Rx0392	611478	6378106	Y				Y							Y
P2N_Rx0393	611616	6378110												Y
P2N_Rx0394	611137	6378115	Y				Y	Y	Y					Y
P2N_Rx0395	611465	6378116	Y				Y							Y
P2N_Rx0396	611323	6378116	Y				Y	Y						Y
P2N_Rx0397	611176	6378117	Y				Y	Y	Y					Y
P2N_Rx0398	611526	6378120	Y				Y							Y
P2N_Rx0399	611607	6378129												Y
P2N_Rx0400	611171	6378132	Y				Y	Y	Y					Y
P2N_Rx0401	611372	6378135	Y				Y	Y						Y
P2N_Rx0402	611407	6378137	Y				Y	Y						Y
P2N_Rx0403	611462	6378139	Y				Y							Y
P2N_Rx0404	611084	6378143	Y	Y			Y	Y	Y					Y
P2N_Rx0405	611163	6378146	Y				Y	Y	Y					Y
P2N_Rx0406	611603	6378147												Y
P2N_Rx0407	611449	6378151	Y				Y							Y
P2N_Rx0408	611517	6378160	Y				Y							Y
P2N_Rx0409	611597	6378167												Y
P2N_Rx0410	611510	6378178	Y				Y							Y
P2N_Rx0411	611591	6378186												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0413	610158	6378187	Y				Y	Y						Y
P2N_Rx0414	611146	6378192	Y	Y			Y	Y	Y					Y
P2N_Rx0415	611582	6378203												Y
P2N_Rx0416	611638	6378217												Y
P2N_Rx0417	611488	6378229	Y				Y							Y
P2N_Rx0418	611143	6378231	Y	Y			Y	Y	Y					Y
P2N_Rx0419	611563	6378254												Y
P2N_Rx0420	611477	6378263	Y				Y							Y
P2N_Rx0421	611561	6378271												Y
P2N_Rx0422	611622	6378273												Y
P2N_Rx0423	611469	6378283	Y											Y
P2N_Rx0424	610935	6378282	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0425	611556	6378292												Y
P2N_Rx0426	611696	6378296												Y
P2N_Rx0427	610204	6378300	Y				Y	Y						Y
P2N_Rx0428	611484	6378307	Y											Y
P2N_Rx0429	611548	6378308												Y
P2N_Rx0430	611695	6378314												Y
P2N_Rx0431	611463	6378324	Y											Y
P2N_Rx0432	611614	6378327												Y
P2N_Rx0433	611541	6378328												Y
P2N_Rx0434	611679	6378333												Y
P2N_Rx0435	611101	6378338	Y	Y			Y	Y	Y					Y
P2N_Rx0436	611445	6378339	Y											Y
P2N_Rx0437	611593	6378343												Y
P2N_Rx0438	611535	6378346												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0439	611670	6378355												Y
P2N_Rx0440	611092	6378358	Y	Y			Y	Y	Y					Y
P2N_Rx0441	611449	6378364	Y											Y
P2N_Rx0442	611527	6378365												Y
P2N_Rx0443	611594	6378366												Y
P2N_Rx0444	611519	6378381												Y
P2N_Rx0445	611581	6378385												Y
P2N_Rx0446	611438	6378391	Y					Y						Y
P2N_Rx0447	611080	6378393	Y	Y			Y	Y	Y					Y
P2N_Rx0448	611458	6378403												Y
P2N_Rx0449	611575	6378410												Y
P2N_Rx0450	611515	6378410												Y
P2N_Rx0451	611070	6378417	Y	Y			Y	Y	Y					Y
P2N_Rx0452	611586	6378444												Y
P2N_Rx0453	611415	6378448	Y					Y						Y
P2N_Rx0454	610952	6378461	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0455	611409	6378467	Y				Y	Y						Y
P2N_Rx0456	611020	6378478	Y	Y			Y	Y	Y					Y
P2N_Rx0457	611540	6378479												Y
P2N_Rx0458	611403	6378485	Y				Y	Y						Y
P2N_Rx0459	611395	6378501	Y				Y	Y						Y
P2N_Rx0460	611478	6378507												Y
P2N_Rx0461	611537	6378511												Y
P2N_Rx0462	610869	6378513	Y	Y	Y		Y	Y	Y					Y
P2N_Rx0463	611385	6378525	Y				Y	Y						Y
P2N_Rx0464	610751	6378523	Y	Y	Y		Y	Y	Y					Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0465	611465	6378531												Y
P2N_Rx0466	611539	6378533												Y
P2N_Rx0467	611383	6378541	Y				Y	Y						Y
P2N_Rx0468	611526	6378546												Y
P2N_Rx0469	611372	6378564	Y				Y	Y						Y
P2N_Rx0470	611006	6378566	Y	Y			Y	Y	Y					Y
P2N_Rx0471	611076	6378578	Y	Y			Y	Y	Y					Y
P2N_Rx0472	611369	6378579	Y				Y	Y						Y
P2N_Rx0473	611514	6378584												Y
P2N_Rx0474	611093	6378588	Y	Y			Y	Y	Y					Y
P2N_Rx0475	611446	6378588												Y
P2N_Rx0476	611109	6378593	Y	Y			Y	Y						Y
P2N_Rx0477	611361	6378602	Y				Y	Y						Y
P2N_Rx0478	611151	6378602	Y	Y			Y	Y						Y
P2N_Rx0479	611507	6378603												Y
P2N_Rx0480	611358	6378615	Y				Y	Y						Y
P2N_Rx0481	611213	6378619	Y				Y	Y						Y
P2N_Rx0482	611437	6378620												Y
P2N_Rx0483	611148	6378621	Y	Y			Y	Y						Y
P2N_Rx0484	611140	6378634	Y	Y			Y	Y						Y
P2N_Rx0485	611205	6378637	Y				Y	Y						Y
P2N_Rx0486	611274	6378638	Y				Y	Y						Y
P2N_Rx0487	611138	6378651	Y	Y			Y	Y						Y
P2N_Rx0488	611198	6378656	Y				Y	Y						Y
P2N_Rx0489	611335	6378664	Y				Y	Y						Y
P2N_Rx0490	611284	6378665	Y				Y	Y						Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0491	611136	6378667	Y	Y			Y	Y						Y
P2N_Rx0492	611351	6378669	Y				Y	Y						Y
P2N_Rx0493	611366	6378676												Y
P2N_Rx0494	611194	6378677	Y				Y	Y						Y
P2N_Rx0495	611127	6378679	Y	Y			Y	Y						Y
P2N_Rx0496	611275	6378686	Y				Y	Y						Y
P2N_Rx0497	611180	6378695	Y				Y	Y						Y
P2N_Rx0498	611121	6378696	Y	Y			Y	Y						Y
P2N_Rx0499	611268	6378699	Y				Y	Y						Y
P2N_Rx0500	611417	6378699												Y
P2N_Rx0501	611331	6378706	Y				Y	Y						Y
P2N_Rx0502	611179	6378715	Y				Y	Y						Y
P2N_Rx0503	611316	6378715	Y				Y	Y						Y
P2N_Rx0504	611119	6378718	Y	Y			Y	Y						Y
P2N_Rx0505	611466	6378723												Y
P2N_Rx0506	611404	6378728												Y
P2N_Rx0507	611172	6378732	Y				Y	Y						Y
P2N_Rx0508	611312	6378738	Y				Y	Y						Y
P2N_Rx0509	611401	6378746												Y
P2N_Rx0510	611176	6378749	Y				Y	Y						Y
P2N_Rx0511	611311	6378762	Y				Y	Y						Y
P2N_Rx0512	611245	6378764	Y				Y	Y						Y
P2N_Rx0513	611388	6378765												Y
P2N_Rx0514	611301	6378778	Y				Y	Y						Y
P2N_Rx0515	611245	6378779	Y				Y	Y						Y
P2N_Rx0516	611378	6378781												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0517	610469	6378788	Y	Y		Y	Y	Y	Y					Y
P2N_Rx0518	611295	6378796	Y				Y							Y
P2N_Rx0519	611232	6378798	Y				Y	Y						Y
P2N_Rx0520	611374	6378804												Y
P2N_Rx0521	610268	6378813	Y	Y			Y	Y	Y					Y
P2N_Rx0522	611286	6378814	Y				Y							Y
P2N_Rx0523	611372	6378823												Y
P2N_Rx0524	610917	6378827	Y	Y			Y	Y	Y					Y
P2N_Rx0525	611281	6378839	Y				Y							Y
P2N_Rx0526	611360	6378843												Y
P2N_Rx0527	610429	6378859	Y	Y		Y	Y	Y	Y					Y
P2N_Rx0528	611357	6378862												Y
P2N_Rx0529	610916	6378869	Y	Y			Y	Y	Y					Y
P2N_Rx0530	610832	6378880	Y	Y		Y	Y	Y	Y					Y
P2N_Rx0531	609810	6378889												Y
P2N_Rx0532	611264	6378891	Y				Y							Y
P2N_Rx0533	611300	6378899												Y
P2N_Rx0534	611275	6378908	Y				Y							Y
P2N_Rx0535	611332	6378908												Y
P2N_Rx0536	611389	6378926												Y
P2N_Rx0537	611405	6378932												Y
P2N_Rx0538	611328	6378932												Y
P2N_Rx0539	611422	6378937												Y
P2N_Rx0540	611469	6378953												Y
P2N_Rx0541	611315	6378959												Y
P2N_Rx0542	611382	6378964												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0543	611464	6378972												Y
P2N_Rx0544	611309	6378977												Y
P2N_Rx0545	611376	6378984												Y
P2N_Rx0547	611301	6378990												Y
P2N_Rx0548	611373	6379004												Y
P2N_Rx0549	611306	6379009												Y
P2N_Rx0550	611227	6379011	Y											Y
P2N_Rx0551	611366	6379020												Y
P2N_Rx0552	611297	6379020												Y
P2N_Rx0553	611219	6379024	Y											Y
P2N_Rx0554	611445	6379025												Y
P2N_Rx0555	611132	6379028	Y				Y							Y
P2N_Rx0556	611295	6379039												Y
P2N_Rx0557	611218	6379045	Y											Y
P2N_Rx0558	611285	6379050												Y
P2N_Rx0559	610839	6379051	Y	Y			Y	Y	Y					Y
P2N_Rx0560	611210	6379056	Y											Y
P2N_Rx0561	611352	6379064												Y
P2N_Rx0562	611428	6379065												Y
P2N_Rx0563	611278	6379067												Y
P2N_Rx0565	611342	6379078												Y
P2N_Rx0566	611275	6379078												Y
P2N_Rx0567	611425	6379085												Y
P2N_Rx0568	611420	6379102												Y
P2N_Rx0569	611336	6379102												Y
P2N_Rx0570	611402	6379124												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0571	611135	6379152	Y											Y
P2N_Rx0572	611315	6379154												Y
P2N_Rx0573	611388	6379191												Y
P2N_Rx0574	609900	6379196	Y				Y							Y
P2N_Rx0575	611457	6379210												Y
P2N_Rx0576	611379	6379227												Y
P2N_Rx0577	611371	6379244												Y
P2N_Rx0578	611430	6379247												Y
P2N_Rx0579	611424	6379267												Y
P2N_Rx0580	611364	6379269												Y
P2N_Rx0581	611359	6379284												Y
P2N_Rx0582	611419	6379287												Y
P2N_Rx0583	611412	6379306												Y
P2N_Rx0584	611404	6379325												Y
P2N_Rx0585	611338	6379345												Y
P2N_Rx0586	611397	6379347												Y
P2N_Rx0587	611393	6379367												Y
P2N_Rx0588	611256	6379493												Y
P2N_Rx0589	611260	6379516												Y
P2N_Rx0590	611290	6379624												Y
P2N_Rx0591	611181	6379679												Y
P2N_Rx0592	611352	6379774												Y
P2N_Rx0593	611154	6380093												Y
P2N_Rx0594	611420	6380344												Y
P2N_Rx0595	611095	6380384												Y
P2N_Rx0596	610684	6380403	Y	Y			Y		Y					Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0597	611354	6380466												Y
P2N_Rx0598	611303	6380651												Y
P2N_Rx0599	611317	6381201												Y
P2N_Rx0600	610229	6381700	Y				Y		Y					Y
P2N_Rx0601	612161	6382027												
P2N_Rx0602	611916	6383936												
P2N_Rx0603	611841	6383951												
P2N_Rx0604	611920	6383983												
P2N_Rx0605	608148	6384102												
P2N_Rx0606	608078	6384221												
P2N_Rx0607	609224	6394853	Y				Y							Y
P2N_Rx0608	607948	6395686	Y				Y	Y	Y					Y
P2N_Rx0609	609391	6396970												
P2N_Rx0610	608802	6398274												
P2N_Rx0611	606625	6399306	Y	Y	Y		Y		Y					Y
P2N_Rx0612	605497	6400546												
P2N_Rx0613	606477	6401469	Y		Y		Y		Y					Y
P2N_Rx0614	606248	6403536	Y				Y		Y					Y
P2N_Rx0615	607612	6407654												
P2N_Rx0616	605265	6407730												Y
P2N_Rx0617	607990	6408230												
P2N_Rx0618	606075	6408465	Y				Y	Y	Y					Y
P2N_Rx0619	606119	6408472	Y		Y		Y	Y	Y					Y
P2N_Rx0620	607956	6411559												Y
P2N_Rx0621	608093	6414394	Y				Y	Y	Y					Y
P2N_Rx0622	607120	6416701						Y						Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0623	607114	6416722						Y						Y
P2N_Rx0624	609127	6418194	Y				Y							Y
P2N_Rx0625	608984	6419519												Y
P2N_Rx0626	609555	6421155	Y				Y							Y
P2N_Rx0627	613222	6424460												Y
P2N_Rx0628	612765	6424474												Y
P2N_Rx0629	612489	6424536	Y				Y	Y						Y
P2N_Rx0630	612699	6426394	Y		Y	Y	Y		Y					Y
P2N_Rx0631	612616	6426442	Y		Y	Y	Y		Y					Y
P2N_Rx0632	614230	6426739												Y
P2N_Rx0633	615011	6427195												
P2N_Rx0634	611844	6427566												
P2N_Rx0635	612439	6429031												
P2N_Rx0636	612182	6429067												
P2N_Rx0637	616181	6429620												
P2N_Rx0638	616364	6429773												
P2N_Rx0639	612663	6429809												
P2N_Rx0640	612590	6429812												
P2N_Rx0641	614976	6430104	Y			Y	Y							Y
P2N_Rx0642	616425	6430318												
P2N_Rx0643	613775	6430502												Y
P2N_Rx0644	614475	6430567	Y	Y	Y	Y	Y		Y					Y
P2N_Rx0645	615236	6430888	Y				Y		Y					Y
P2N_Rx0646	616780	6430895												
P2N_Rx0647	617170	6430920												
P2N_Rx0648	615318	6430927	Y				Y		Y					Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0649	617161	6430962												
P2N_Rx0650	616795	6430966												
P2N_Rx0651	615161	6431074	Y				Y		Y					Y
P2N_Rx0652	616859	6431133												
P2N_Rx0653	616806	6431344												
P2N_Rx0654	616292	6431595												Y
P2N_Rx0655	615882	6431642	Y				Y							Y
P2N_Rx0656	616320	6431705												Y
P2N_Rx0657	616603	6431719												Y
P2N_Rx0658	616534	6431767												Y
P2N_Rx0659	616606	6431774												Y
P2N_Rx0660	616535	6431791												Y
P2N_Rx0661	616510	6431794												Y
P2N_Rx0662	616492	6431795												Y
P2N_Rx0663	616472	6431797												Y
P2N_Rx0664	616451	6431798												Y
P2N_Rx0665	616435	6431799												Y
P2N_Rx0666	614994	6431802	Y				Y		Y					Y
P2N_Rx0667	616418	6431808												Y
P2N_Rx0668	616382	6431810												Y
P2N_Rx0669	616398	6431811												Y
P2N_Rx0670	616367	6431811												Y
P2N_Rx0671	616617	6431818												Y
P2N_Rx0672	616347	6431820												Y
P2N_Rx0673	616328	6431822	Y				Y							Y
P2N_Rx0674	616308	6431826	Y				Y							Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0675	616548	6431833												Y
P2N_Rx0676	615002	6431838	Y				Y							Y
P2N_Rx0677	616526	6431838												Y
P2N_Rx0678	616504	6431843												Y
P2N_Rx0679	616489	6431845												Y
P2N_Rx0680	616669	6431845												Y
P2N_Rx0681	616442	6431853												Y
P2N_Rx0682	616424	6431857												Y
P2N_Rx0683	616398	6431858												Y
P2N_Rx0684	616546	6431860												Y
P2N_Rx0685	616378	6431864												Y
P2N_Rx0686	616622	6431865												Y
P2N_Rx0687	616335	6431872	Y				Y							Y
P2N_Rx0688	616316	6431872	Y				Y							Y
P2N_Rx0689	616494	6431874												Y
P2N_Rx0690	616548	6431878												Y
P2N_Rx0691	615855	6431878	Y				Y		Y					Y
P2N_Rx0692	616669	6431881												Y
P2N_Rx0693	616439	6431881												Y
P2N_Rx0694	616385	6431886												Y
P2N_Rx0695	616498	6431891												Y
P2N_Rx0696	616338	6431897	Y				Y							Y
P2N_Rx0697	616553	6431899												Y
P2N_Rx0698	616442	6431903												Y
P2N_Rx0699	616389	6431906												Y
P2N_Rx0700	616500	6431907												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0701	616553	6431914												Y
P2N_Rx0702	615518	6431910	Y		Y		Y		Y					Y
P2N_Rx0703	616336	6431917	Y				Y							Y
P2N_Rx0704	616389	6431920	Y											Y
P2N_Rx0705	616447	6431921												Y
P2N_Rx0706	616506	6431923												Y
P2N_Rx0707	616339	6431934	Y				Y							Y
P2N_Rx0708	616396	6431935	Y											Y
P2N_Rx0709	616557	6431937												Y
P2N_Rx0710	616453	6431941												Y
P2N_Rx0711	616504	6431942												Y
P2N_Rx0712	616560	6431950												Y
P2N_Rx0713	616400	6431952	Y											Y
P2N_Rx0714	616449	6431955												Y
P2N_Rx0715	616401	6431968	Y											Y
P2N_Rx0716	616562	6431970												Y
P2N_Rx0717	616509	6431977												Y
P2N_Rx0718	616462	6431977												Y
P2N_Rx0719	616570	6431987												Y
P2N_Rx0720	616401	6431987	Y				Y							Y
P2N_Rx0721	616459	6431992												Y
P2N_Rx0722	615104	6431994	Y				Y							Y
P2N_Rx0723	616743	6431996												Y
P2N_Rx0724	616403	6432000	Y				Y							Y
P2N_Rx0725	616353	6432001	Y				Y							Y
P2N_Rx0726	616567	6432005												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0727	616466	6432009												Y
P2N_Rx0728	616519	6432013												Y
P2N_Rx0729	616407	6432018	Y				Y							Y
P2N_Rx0730	616355	6432019	Y				Y							Y
P2N_Rx0731	616466	6432024												Y
P2N_Rx0732	616576	6432024												Y
P2N_Rx0733	616523	6432034												Y
P2N_Rx0734	616359	6432034	Y				Y							Y
P2N_Rx0735	616412	6432034	Y				Y							Y
P2N_Rx0736	616472	6432043												Y
P2N_Rx0737	616561	6432046												Y
P2N_Rx0738	616581	6432050												Y
P2N_Rx0739	616408	6432052	Y				Y							Y
P2N_Rx0740	616363	6432052	Y				Y							Y
P2N_Rx0741	616541	6432054												Y
P2N_Rx0742	616518	6432058												Y
P2N_Rx0743	616469	6432063												Y
P2N_Rx0744	616452	6432070	Y											Y
P2N_Rx0745	616438	6432074	Y											Y
P2N_Rx0746	616417	6432078	Y				Y							Y
P2N_Rx0747	615523	6432090	Y				Y		Y					Y
P2N_Rx0748	616583	6432106												Y
P2N_Rx0749	616674	6432109												Y
P2N_Rx0750	616751	6432112												Y
P2N_Rx0751	616537	6432118												Y
P2N_Rx0752	615657	6432115	Y	Y			Y		Y					Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0753	616469	6432120	Y											Y
P2N_Rx0754	616516	6432124												Y
P2N_Rx0755	616586	6432140												Y
P2N_Rx0756	616469	6432144	Y				Y							Y
P2N_Rx0757	616765	6432151												Y
P2N_Rx0758	616521	6432156												Y
P2N_Rx0759	616677	6432170												Y
P2N_Rx0760	615193	6432189	Y				Y							Y
P2N_Rx0762	615611	6432191	Y	Y			Y		Y					Y
P2N_Rx0763	616770	6432197												Y
P2N_Rx0764	616477	6432209	Y				Y							Y
P2N_Rx0765	616487	6432222	Y				Y							Y
P2N_Rx0766	615405	6432232	Y				Y		Y					Y
P2N_Rx0767	616779	6432233												Y
P2N_Rx0768	616490	6432246	Y				Y							Y
P2N_Rx0769	616784	6432261												Y
P2N_Rx0771	616494	6432270	Y				Y							Y
P2N_Rx0772	616494	6432289	Y				Y							Y
P2N_Rx0773	616624	6432295												Y
P2N_Rx0774	616504	6432314	Y				Y							Y
P2N_Rx0775	616779	6432315												Y
P2N_Rx0776	616624	6432316												Y
P2N_Rx0777	616605	6432321												Y
P2N_Rx0778	616584	6432324												Y
P2N_Rx0779	616567	6432328												Y
P2N_Rx0780	616544	6432329												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0781	616699	6432335												Y
P2N_Rx0782	616506	6432335	Y				Y							Y
P2N_Rx0783	616483	6432336	Y				Y							Y
P2N_Rx0784	616464	6432343	Y				Y							Y
P2N_Rx0785	616438	6432345	Y				Y							Y
P2N_Rx0786	616792	6432354												Y
P2N_Rx0787	616869	6432362												Y
P2N_Rx0788	616704	6432373												Y
P2N_Rx0789	615604	6432378	Y	Y			Y		Y					Y
P2N_Rx0790	616795	6432390												Y
P2N_Rx0792	615116	6432391	Y				Y							Y
P2N_Rx0793	616944	6432392												Y
P2N_Rx0794	616568	6432394												Y
P2N_Rx0795	616506	6432403	Y				Y							Y
P2N_Rx0796	616869	6432406												Y
P2N_Rx0797	616963	6432414												Y
P2N_Rx0799	616632	6432415												Y
P2N_Rx0800	616567	6432416												Y
P2N_Rx0801	616450	6432419	Y				Y							Y
P2N_Rx0802	616427	6432420	Y				Y							Y
P2N_Rx0803	616499	6432421	Y				Y							Y
P2N_Rx0804	615795	6432424	Y	Y	Y		Y		Y					Y
P2N_Rx0805	616801	6432434												Y
P2N_Rx0809	616872	6432442												Y
P2N_Rx0810	616501	6432446	Y				Y							Y
P2N_Rx0811	616974	6432450												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0812	616437	6432453	Y				Y							Y
P2N_Rx0813	616575	6432454												Y
P2N_Rx0814	616636	6432455												Y
P2N_Rx0815	616510	6432465	Y				Y							Y
P2N_Rx0816	616878	6432472												Y
P2N_Rx0818	616812	6432475												Y
P2N_Rx0819	616444	6432477	Y				Y							Y
P2N_Rx0820	616578	6432480												Y
P2N_Rx0821	616634	6432481												Y
P2N_Rx0822	616512	6432481	Y				Y							Y
P2N_Rx0823	616444	6432493	Y				Y							Y
P2N_Rx0824	615458	6432495	Y	Y			Y		Y					Y
P2N_Rx0825	616578	6432497												Y
P2N_Rx0826	616517	6432503	Y				Y							Y
P2N_Rx0827	617059	6432505												
P2N_Rx0828	616607	6432511												Y
P2N_Rx0829	616451	6432513	Y				Y							Y
P2N_Rx0830	616582	6432518												Y
P2N_Rx0831	616515	6432525	Y				Y							Y
P2N_Rx0832	616445	6432543	Y				Y							Y
P2N_Rx0833	616792	6432544												Y
P2N_Rx0834	616740	6432548												Y
P2N_Rx0835	616825	6432560												Y
P2N_Rx0836	616741	6432564												Y
P2N_Rx0837	616658	6432565												Y
P2N_Rx0838	616614	6432570												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0839	617144	6432571												
P2N_Rx0841	616743	6432577												Y
P2N_Rx0842	614626	6432578												Y
P2N_Rx0843	616530	6432583	Y				Y							Y
P2N_Rx0844	616837	6432584												Y
P2N_Rx0845	616597	6432593												Y
P2N_Rx0846	616744	6432596												Y
P2N_Rx0847	616454	6432597	Y				Y							Y
P2N_Rx0848	616836	6432599												Y
P2N_Rx0849	616534	6432602	Y											Y
P2N_Rx0850	616669	6432612												Y
P2N_Rx0851	617062	6432615												
P2N_Rx0852	616458	6432616	Y				Y							Y
P2N_Rx0853	616597	6432617												Y
P2N_Rx0854	616845	6432620												Y
P2N_Rx0855	616750	6432630												Y
P2N_Rx0856	616462	6432635	Y				Y							Y
P2N_Rx0857	616533	6432637	Y											Y
P2N_Rx0858	616842	6432640												Y
P2N_Rx0859	616604	6432641												Y
P2N_Rx0860	613987	6432641												
P2N_Rx0861	616468	6432651	Y				Y							Y
P2N_Rx0862	616671	6432651												Y
P2N_Rx0863	616846	6432654												Y
P2N_Rx0864	616606	6432657												Y
P2N_Rx0865	616761	6432661												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0866	616544	6432664	Y											Y
P2N_Rx0867	616849	6432671												Y
P2N_Rx0868	616466	6432673	Y				Y							Y
P2N_Rx0869	616605	6432681												Y
P2N_Rx0870	616847	6432681												Y
P2N_Rx0871	616762	6432684												Y
P2N_Rx0872	616541	6432686												Y
P2N_Rx0873	616468	6432694	Y				Y							Y
P2N_Rx0874	616551	6432701												Y
P2N_Rx0875	616614	6432703												Y
P2N_Rx0876	616676	6432703												Y
P2N_Rx0877	616765	6432705												Y
P2N_Rx0878	616478	6432713	Y				Y							Y
P2N_Rx0879	616856	6432717												Y
P2N_Rx0880	616618	6432723												Y
P2N_Rx0881	616769	6432732												Y
P2N_Rx0882	616554	6432732												Y
P2N_Rx0883	616527	6432735												Y
P2N_Rx0884	616858	6432740												Y
P2N_Rx0885	616477	6432740	Y				Y							Y
P2N_Rx0886	616506	6432742	Y											Y
P2N_Rx0887	616858	6432750												Y
P2N_Rx0888	614524	6432759												
P2N_Rx0889	616702	6432763												Y
P2N_Rx0890	616685	6432764												Y
P2N_Rx0891	616670	6432765												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0892	616628	6432778												Y
P2N_Rx0893	616867	6432779												Y
P2N_Rx0894	616869	6432791												Y
P2N_Rx0895	616559	6432793												Y
P2N_Rx0896	616635	6432797												Y
P2N_Rx0897	616511	6432799												Y
P2N_Rx0898	616486	6432801	Y											Y
P2N_Rx0899	614210	6432810												
P2N_Rx0900	616573	6432811												Y
P2N_Rx0901	616633	6432820												Y
P2N_Rx0902	616573	6432826												Y
P2N_Rx0903	616500	6432835												Y
P2N_Rx0904	616635	6432845												Y
P2N_Rx0905	616575	6432849												Y
P2N_Rx0906	616509	6432857												Y
P2N_Rx0907	616580	6432867												Y
P2N_Rx0908	616637	6432869												Y
P2N_Rx0909	616501	6432879												Y
P2N_Rx0910	617274	6432879												
P2N_Rx0911	616577	6432891												Y
P2N_Rx0912	616640	6432892												Y
P2N_Rx0913	616507	6432897												Y
P2N_Rx0914	616662	6432907												Y
P2N_Rx0915	617334	6432912												
P2N_Rx0916	616560	6432926												Y
P2N_Rx0917	616592	6432926												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0918	616538	6432927												Y
P2N_Rx0919	617271	6432931												
P2N_Rx0920	614328	6432946												
P2N_Rx0921	616515	6432949												Y
P2N_Rx0922	617342	6432959												
P2N_Rx0923	617274	6432967												
P2N_Rx0924	616583	6432986												Y
P2N_Rx0925	616600	6432986												Y
P2N_Rx0926	616565	6432996												Y
P2N_Rx0927	617279	6432997												
P2N_Rx0928	616551	6433001												Y
P2N_Rx0929	613930	6433001												
P2N_Rx0930	617350	6433005												
P2N_Rx0931	616527	6433031												Y
P2N_Rx0932	617285	6433033												
P2N_Rx0933	616966	6433063												
P2N_Rx0934	617359	6433063												
P2N_Rx0935	617296	6433071												
P2N_Rx0936	616976	6433082												
P2N_Rx0937	614391	6433102												
P2N_Rx0938	616987	6433123												
P2N_Rx0939	617370	6433129												
P2N_Rx0940	616933	6433133												
P2N_Rx0941	616915	6433136												
P2N_Rx0942	616893	6433137												
P2N_Rx0943	617309	6433137												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx0944	614652	6433143												
P2N_Rx0945	614294	6433150												
P2N_Rx0946	614560	6433159												
P2N_Rx0947	617370	6433159												
P2N_Rx0948	617309	6433181												
P2N_Rx0949	614058	6433191												
P2N_Rx0950	617095	6433193												
P2N_Rx0951	616927	6433203												
P2N_Rx0952	617097	6433208												
P2N_Rx0953	617317	6433212												
P2N_Rx0954	616933	6433215												
P2N_Rx0955	617375	6433220												
P2N_Rx0956	616995	6433224												
P2N_Rx0957	616937	6433230												
P2N_Rx0958	617094	6433237												
P2N_Rx0959	616641	6433239												Y
P2N_Rx0960	616562	6433242												Y
P2N_Rx0961	616996	6433244												
P2N_Rx0962	616945	6433246												
P2N_Rx0963	616696	6433247												Y
P2N_Rx0965	616999	6433256												
P2N_Rx0967	617378	6433258												
P2N_Rx0969	616642	6433260												Y
P2N_Rx0970	617103	6433261												
P2N_Rx0971	617323	6433264												
P2N_Rx0972	616501	6433269												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0973	617003	6433272												
P2N_Rx0974	616567	6433272												Y
P2N_Rx0975	617107	6433275												
P2N_Rx0977	616564	6433282												Y
P2N_Rx0978	617106	6433286												
P2N_Rx0981	616949	6433289												
P2N_Rx0982	617010	6433289												
P2N_Rx0983	616657	6433296												Y
P2N_Rx0984	616952	6433297												
P2N_Rx0985	616573	6433300												Y
P2N_Rx0986	616507	6433305												Y
P2N_Rx0987	617015	6433308												
P2N_Rx0989	616659	6433311												Y
P2N_Rx0990	617111	6433313												
P2N_Rx0991	616506	6433316												Y
P2N_Rx0992	617328	6433316												
P2N_Rx0993	616952	6433319												
P2N_Rx0994	617010	6433321												
P2N_Rx0995	616574	6433322												Y
P2N_Rx0996	616430	6433324												Y
P2N_Rx0997	616713	6433330												
P2N_Rx0999	616652	6433333												Y
P2N_Rx1001	616963	6433335												
P2N_Rx1002	617015	6433337												
P2N_Rx1003	616507	6433338												Y
P2N_Rx1005	616444	6433345												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx1006	617023	6433349												
P2N_Rx1007	616518	6433353												Y
P2N_Rx1008	616966	6433355												
P2N_Rx1010	616717	6433361												
P2N_Rx1011	616443	6433363												Y
P2N_Rx1012	616518	6433370												Y
P2N_Rx1013	616663	6433371												Y
P2N_Rx1015	616380	6433377												Y
P2N_Rx1016	616724	6433379												
P2N_Rx1017	616581	6433381												Y
P2N_Rx1018	617231	6433381												
P2N_Rx1019	616792	6433382												
P2N_Rx1020	616450	6433384												Y
P2N_Rx1021	617345	6433385												
P2N_Rx1022	616520	6433390												Y
P2N_Rx1023	616383	6433397												Y
P2N_Rx1024	616669	6433404												
P2N_Rx1026	616454	6433405												Y
P2N_Rx1027	616383	6433410												Y
P2N_Rx1028	616976	6433416												
P2N_Rx1029	616534	6433417												Y
P2N_Rx1030	616647	6433417												
P2N_Rx1031	616965	6433418												
P2N_Rx1032	616608	6433419												Y
P2N_Rx1033	616592	6433423												Y
P2N_Rx1034	616931	6433425												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx1035	616463	6433429												Y
P2N_Rx1037	616511	6433434												Y
P2N_Rx1038	616529	6433437												Y
P2N_Rx1039	616453	6433438												Y
P2N_Rx1040	616394	6433448												Y
P2N_Rx1041	616733	6433455												
P2N_Rx1042	617095	6433459												
P2N_Rx1043	616803	6433462												
P2N_Rx1044	616680	6433467												
P2N_Rx1045	616606	6433476												
P2N_Rx1046	616740	6433478												
P2N_Rx1048	616537	6433484												
P2N_Rx1049	616397	6433492												Y
P2N_Rx1050	616806	6433495												
P2N_Rx1051	616740	6433495												
P2N_Rx1052	616493	6433495												Y
P2N_Rx1053	616542	6433500												
P2N_Rx1054	616743	6433506												
P2N_Rx1055	616458	6433506												Y
P2N_Rx1056	617055	6433509												
P2N_Rx1057	616683	6433517												
P2N_Rx1060	616603	6433519												
P2N_Rx1061	616405	6433521												Y
P2N_Rx1062	616476	6433525												
P2N_Rx1063	616751	6433533												
P2N_Rx1064	616614	6433536												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1066	616550	6433536												
P2N_Rx1067	616808	6433538												
P2N_Rx1068	616693	6433539												
P2N_Rx1069	616685	6433550												
P2N_Rx1071	616550	6433552												
P2N_Rx1072	616747	6433559												
P2N_Rx1073	616609	6433560												
P2N_Rx1074	616759	6433561												
P2N_Rx1076	616693	6433566												
P2N_Rx1077	616413	6433572												
P2N_Rx1078	616548	6433574												
P2N_Rx1079	616622	6433577												
P2N_Rx1080	616476	6433579												
P2N_Rx1081	616487	6433591												
P2N_Rx1082	616419	6433591												
P2N_Rx1083	616993	6433602												
P2N_Rx1085	616419	6433612												
P2N_Rx1086	616704	6433614												
P2N_Rx1087	616647	6433628												
P2N_Rx1088	616696	6433632												
P2N_Rx1089	616562	6433640												
P2N_Rx1090	616999	6433640												
P2N_Rx1092	616830	6433646												
P2N_Rx1093	616564	6433654												
P2N_Rx1094	616496	6433662												
P2N_Rx1096	616430	6433668												

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7:Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1097	616406	6433670												
P2N_Rx1098	616699	6433671												
P2N_Rx1101	617001	6433676												
P2N_Rx1102	616487	6433684												
P2N_Rx1103	616779	6433687												
P2N_Rx1105	616493	6433697												
P2N_Rx1106	616504	6433712												
P2N_Rx1109	616573	6433717												
P2N_Rx1110	616644	6433720												
P2N_Rx1111	616787	6433731												
P2N_Rx1113	616707	6433737												
P2N_Rx1114	616512	6433745												
P2N_Rx1115	616443	6433748												
P2N_Rx1116	616652	6433753												
P2N_Rx1117	616584	6433767												
P2N_Rx1118	616715	6433778												
P2N_Rx1119	616520	6433781												
P2N_Rx1120	616452	6433786												
P2N_Rx1121	616655	6433803												
P2N_Rx1122	616721	6433808												
P2N_Rx1124	616589	6433814												
P2N_Rx1125	616529	6433816												
P2N_Rx1126	616457	6433822												
P2N_Rx1127	616661	6433841												
P2N_Rx1129	615825	6434056												
P2N_Rx1301	602007	6332895								Y	Y	Y	Y	

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1302	601053	6333120									Y		Y	
P2N_Rx1303	600081	6332659												
P2N_Rx1304	602135	6331333									Y			
P2N_Rx1305	603288	6333817								Y	Y	Y		
P2N_Rx1306	616579	6429153												
P2N_Rx1307	617860	6429135												
P2N_Rx1308	617307	6429464												
P2N_Rx1309	606476	6401590	Y		Y		Y		Y					Y
P2N_Rx1310	617054	6428745												
P2N_Rx1311	607713	6332876												
P2N_Rx1312	607809	6332571												
P2N_Rx1313	607811	6332613												
P2N_Rx1314	616402	6433536												Y
P2N_Rx1315	607730	6332876												
P2N_Rx1316	607989	6332949												
P2N_Rx1317	611233	6378984	Y				Y							Y
P2N_Rx1318	607817	6332760												
P2N_Rx1319	607849	6332807												
P2N_Rx1320	617054	6432571												
P2N_Rx1321	616595	6433841												
P2N_Rx1322	616474	6432189	Y				Y							Y
P2N_Rx1323	616688	6432261												Y
P2N_Rx1324	616628	6432390												Y
P2N_Rx1325	616710	6432414												Y
P2N_Rx1326	616570	6432434												Y
P2N_Rx1327	616630	6432434												Y

Table C.3 Exceedances of INP sleep disturbance screening levels at individual receivers

Exceedance of INP Sleep Disturbance Criteria														Cumulative Impacts
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	
P2N_Rx1329	616710	6432472												Y
P2N_Rx1330	616441	6433712												
P2N_Rx1331	616941	6433258												
P2N_Rx1332	616644	6433286												Y
P2N_Rx1333	616644	6433687												
P2N_Rx1334	616567	6433671												
P2N_Rx1335	616578	6433333												Y
P2N_Rx1336	616630	6433640												
P2N_Rx1337	616698	6433275												Y
P2N_Rx1338	616366	6433355												Y
P2N_Rx1339	616586	6433371												Y
P2N_Rx1340	616589	6433404												Y
P2N_Rx1341	616551	6433602												
P2N_Rx1342	616674	6433478												
P2N_Rx1343	616540	6433517												
P2N_Rx1344	616482	6433561												
P2N_WORx0001	611631	6378275												
P2N_WORx0002	611854	6378051												

Table C.6 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_EDUx0001	611919	6377926												
P2N_EDUx0002	611638	6378217												
P2N_EDUx0003	611742	6378144												
P2N_HOSx0001	616743	6431996												
P2N_REAx0001	611346	6378430												
P2N_REAx0002	611300	6378535												
P2N_REAx0003	610416	6378088												
P2N_REAx0004	610279	6377995												
P2N_REAx0005	616569	6432186												
P2N_REAx0006	611481	6378802												
P2N_REPx0001	611454	6378883												
P2N_REPx0002	611356	6378274												
P2N_Rx0001	606647	6331731												
P2N_Rx0002	606824	6331821												
P2N_Rx0003	606509	6331922												
P2N_Rx0004	606894	6331933												
P2N_Rx0005	607021	6332094												
P2N_Rx0006	607856	6332157												
P2N_Rx0007	607872	6332204												
P2N_Rx0008	607071	6332296												
P2N_Rx0009	607923	6332320												
P2N_Rx0010	607907	6332332												
P2N_Rx0011	607943	6332368												
P2N_Rx0012	607953	6332425												
P2N_Rx0013	607919	6332448												
P2N_Rx0014	607899	6332458												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0015	607882	6332474												
P2N_Rx0016	607953	6332486												
P2N_Rx0017	607576	6332497												
P2N_Rx0018	607886	6332497												
P2N_Rx0019	607966	6332502												
P2N_Rx0020	607843	6332515												
P2N_Rx0021	607891	6332518												
P2N_Rx0022	607979	6332519												
P2N_Rx0023	607989	6332534												
P2N_Rx0024	607846	6332536												
P2N_Rx0025	607889	6332542												
P2N_Rx0026	607805	6332554												
P2N_Rx0027	607852	6332556												
P2N_Rx0028	608001	6332557												
P2N_Rx0029	607926	6332557												
P2N_Rx0030	607906	6332564												
P2N_Rx0031	607994	6332571												
P2N_Rx0033	607852	6332578												
P2N_Rx0034	607975	6332584												
P2N_Rx0035	607814	6332591												
P2N_Rx0036	607955	6332593												
P2N_Rx0037	607930	6332599												
P2N_Rx0038	607896	6332604												
P2N_Rx0039	607910	6332606												
P2N_Rx0040	607858	6332613												
P2N_Rx0042	608006	6332629												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0043	607950	6332640												
P2N_Rx0044	608021	6332650												
P2N_Rx0045	607886	6332652												
P2N_Rx0046	607911	6332653												
P2N_Rx0047	607870	6332655												
P2N_Rx0048	607963	6332657												
P2N_Rx0049	608029	6332660												
P2N_Rx0050	607853	6332664												
P2N_Rx0051	607830	6332666												
P2N_Rx0052	607812	6332668												
P2N_Rx0053	607970	6332669												
P2N_Rx0054	607794	6332671												
P2N_Rx0055	607779	6332675												
P2N_Rx0056	607760	6332677												
P2N_Rx0057	607723	6332683												
P2N_Rx0058	607727	6332698												
P2N_Rx0059	608000	6332701												
P2N_Rx0060	607983	6332705												
P2N_Rx0061	607968	6332708												
P2N_Rx0062	607839	6332708												
P2N_Rx0063	607819	6332709												
P2N_Rx0064	607946	6332710												
P2N_Rx0065	607934	6332710												
P2N_Rx0066	607730	6332715												
P2N_Rx0067	607803	6332716												
P2N_Rx0068	607787	6332723												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0069	607772	6332724												
P2N_Rx0070	607736	6332733												
P2N_Rx0071	608021	6332734												
P2N_Rx0072	607997	6332742												
P2N_Rx0073	608033	6332744												
P2N_Rx0074	607978	6332746												
P2N_Rx0075	607960	6332749												
P2N_Rx0076	607736	6332753												
P2N_Rx0077	607944	6332753												
P2N_Rx0078	608044	6332760												
P2N_Rx0080	607924	6332760												
P2N_Rx0081	607834	6332762												
P2N_Rx0082	607907	6332764												
P2N_Rx0083	607781	6332765												
P2N_Rx0084	607798	6332767												
P2N_Rx0085	607739	6332768												
P2N_Rx0086	607748	6332787												
P2N_Rx0087	608005	6332797												
P2N_Rx0088	607987	6332799												
P2N_Rx0089	607967	6332801												
P2N_Rx0090	607949	6332803												
P2N_Rx0091	608025	6332804												
P2N_Rx0092	607929	6332805												
P2N_Rx0093	607897	6332806												
P2N_Rx0094	607823	6332807												
P2N_Rx0095	607912	6332807												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0097	607872	6332809												
P2N_Rx0098	607796	6332811												
P2N_Rx0099	607738	6332812												
P2N_Rx0100	608044	6332813												
P2N_Rx0101	607756	6332815												
P2N_Rx0102	608005	6332859												
P2N_Rx0103	607978	6332862												
P2N_Rx0104	607890	6332864												
P2N_Rx0105	608020	6332868												
P2N_Rx0106	607915	6332869												
P2N_Rx0107	607834	6332870												
P2N_Rx0108	607766	6332875												
P2N_Rx0109	607693	6332875												
P2N_Rx0110	607955	6332876												
P2N_Rx0113	607805	6332878												
P2N_Rx0114	607634	6332880												
P2N_Rx0115	608057	6332881												
P2N_Rx0116	607863	6332883												
P2N_Rx0117	607652	6332884												
P2N_Rx0118	608002	6332894												
P2N_Rx0119	607699	6332902												
P2N_Rx0120	607656	6332910												
P2N_Rx0121	608055	6332912												
P2N_Rx0122	607708	6332922												
P2N_Rx0123	607970	6332927												
P2N_Rx0124	608012	6332929												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0125	607660	6332930												
P2N_Rx0126	607948	6332937												
P2N_Rx0127	607666	6332946												
P2N_Rx0128	608021	6332949												
P2N_Rx0130	607937	6332949												
P2N_Rx0131	607709	6332957												
P2N_Rx0132	608068	6332963												
P2N_Rx0133	607660	6332964												
P2N_Rx0134	608039	6332966												
P2N_Rx0135	608001	6332967												
P2N_Rx0136	607943	6332975												
P2N_Rx0137	607959	6332991												
P2N_Rx0138	608013	6332992												
P2N_Rx0139	608027	6333005												
P2N_Rx0140	607971	6333018												
P2N_Rx0141	608066	6333019												
P2N_Rx0142	608049	6333027												
P2N_Rx0143	608033	6333047												
P2N_Rx0144	607237	6333047												
P2N_Rx0145	608003	6333061												
P2N_Rx0146	607946	6333079												
P2N_Rx0147	607770	6333079												
P2N_Rx0148	607790	6333089												
P2N_Rx0149	608055	6333092												
P2N_Rx0150	607964	6333098												
P2N_Rx0151	607805	6333106												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0152	608038	6333107												
P2N_Rx0153	607741	6333111												
P2N_Rx0154	607937	6333113												
P2N_Rx0155	608017	6333119												
P2N_Rx0156	607910	6333123												
P2N_Rx0157	607816	6333129												
P2N_Rx0158	607757	6333138												
P2N_Rx0159	607769	6333148												
P2N_Rx0160	607825	6333152												
P2N_Rx0161	608060	6333156												
P2N_Rx0162	607787	6333174												
P2N_Rx0163	607862	6333174												
P2N_Rx0164	607938	6333184												
P2N_Rx0165	607914	6333199												
P2N_Rx0166	607805	6333207												
P2N_Rx0167	607795	6333223												
P2N_Rx0168	607858	6333235												
P2N_Rx0169	607838	6333265												
P2N_Rx0170	607718	6333285												
P2N_Rx0171	607800	6333288												
P2N_Rx0172	607778	6333298												
P2N_Rx0173	606281	6333424												
P2N_Rx0174	606039	6333589												
P2N_Rx0175	607668	6334133												
P2N_Rx0176	607443	6334195												
P2N_Rx0177	607620	6334277												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0178	606440	6334316												
P2N_Rx0179	607234	6334389												
P2N_Rx0180	606556	6334456												
P2N_Rx0181	605642	6334456												
P2N_Rx0182	607024	6334514												
P2N_Rx0183	605417	6334604												
P2N_Rx0184	607132	6334625												
P2N_Rx0185	605390	6334678												
P2N_Rx0186	606509	6334826												
P2N_Rx0187	606439	6334927												
P2N_Rx0188	605085	6335096												
P2N_Rx0189	605855	6335140												
P2N_Rx0190	606751	6335264												
P2N_Rx0191	606632	6335392												
P2N_Rx0192	606037	6335405												
P2N_Rx0193	606091	6335446												
P2N_Rx0194	603678	6335637												
P2N_Rx0195	603391	6335737												
P2N_Rx0196	604200	6335810												
P2N_Rx0197	604109	6335849												
P2N_Rx0198	606166	6335910												
P2N_Rx0199	603613	6335917												
P2N_Rx0200	606348	6336046												
P2N_Rx0201	603442	6336202												
P2N_Rx0202	605719	6336662												
P2N_Rx0203	603335	6336953												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0204	605018	6337152												
P2N_Rx0205	604431	6337320												
P2N_Rx0206	602580	6337450												
P2N_Rx0207	605121	6337526												
P2N_Rx0208	606000	6337667												
P2N_Rx0209	604305	6337785												
P2N_Rx0210	603315	6337945												
P2N_Rx0211	605270	6338406												
P2N_Rx0212	604944	6340546												
P2N_Rx0213	603861	6341031	Y											Y
P2N_Rx0214	602852	6342583												
P2N_Rx0215	606651	6343542												
P2N_Rx0216	606505	6344336												
P2N_Rx0217	603830	6344706												
P2N_Rx0218	605715	6346443												
P2N_Rx0219	606441	6346807												
P2N_Rx0220	606170	6347482												
P2N_Rx0221	608548	6350610												
P2N_Rx0222	608620	6350985												
P2N_Rx0223	606554	6351255												
P2N_Rx0224	610158	6353174												
P2N_Rx0225	608310	6354624												
P2N_Rx0226	607928	6355010												
P2N_Rx0227	610796	6355250												
P2N_Rx0228	608678	6357223												
P2N_Rx0229	611639	6357281												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0230	610805	6357330												
P2N_Rx0231	608524	6359518												
P2N_Rx0232	610703	6360044												
P2N_Rx0233	610606	6360125												
P2N_Rx0234	609342	6360451												
P2N_Rx0235	609240	6361599												
P2N_Rx0236	611545	6361985												
P2N_Rx0237	612965	6364201												
P2N_Rx0238	610781	6364374												
P2N_Rx0239	610715	6366575												
P2N_Rx0240	612174	6368440												
P2N_Rx0241	614115	6369946												
P2N_Rx0242	613292	6371054												
P2N_Rx0243	614688	6371091												
P2N_Rx0244	614476	6371198												
P2N_Rx0245	614564	6371224												
P2N_Rx0246	615203	6371286												
P2N_Rx0247	614555	6371337												
P2N_Rx0248	613680	6371376	Y											Y
P2N_Rx0249	614439	6371440												
P2N_Rx0250	614163	6371760												
P2N_Rx0251	613931	6371790												
P2N_Rx0252	614459	6371825												
P2N_Rx0253	614993	6371877												
P2N_Rx0254	614021	6371901												
P2N_Rx0255	614088	6372224												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0256	614826	6372748												
P2N_Rx0257	614819	6373310												
P2N_Rx0258	612931	6373361												
P2N_Rx0259	612899	6373701												
P2N_Rx0260	612090	6374070	Y						Y					Y
P2N_Rx0261	612600	6374506												
P2N_Rx0262	612922	6375599												
P2N_Rx0263	610395	6375742												
P2N_Rx0264	613204	6376034												
P2N_Rx0265	611833	6376087												
P2N_Rx0266	612811	6376199												
P2N_Rx0267	612869	6376491												
P2N_Rx0268	612538	6376549												
P2N_Rx0269	611665	6376614												
P2N_Rx0270	609733	6376902												
P2N_Rx0271	610063	6377008												
P2N_Rx0272	611077	6377096	Y	Y	Y				Y					Y
P2N_Rx0273	611498	6377145												
P2N_Rx0274	611371	6377188												
P2N_Rx0275	611434	6377225												
P2N_Rx0276	611596	6377265												
P2N_Rx0277	611804	6377268												
P2N_Rx0278	611828	6377278												
P2N_Rx0279	611849	6377284												
P2N_Rx0280	611865	6377288												
P2N_Rx0281	611198	6377287												Y

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0282	611899	6377300												
P2N_Rx0283	611167	6377310	Y											Y
P2N_Rx0284	612085	6377361												
P2N_Rx0285	611222	6377410												
P2N_Rx0286	611803	6377544												
P2N_Rx0287	611178	6377571												Y
P2N_Rx0288	612000	6377578												
P2N_Rx0289	611271	6377598												
P2N_Rx0290	611788	6377605												
P2N_Rx0291	612182	6377621												
P2N_Rx0292	612292	6377631												
P2N_Rx0293	611896	6377638												
P2N_Rx0294	611328	6377680												
P2N_Rx0295	611572	6377694												
P2N_Rx0296	611756	6377698												
P2N_Rx0297	610871	6377720	Y											Y
P2N_Rx0298	611926	6377724												
P2N_Rx0299	611664	6377733												
P2N_Rx0300	611748	6377737												
P2N_Rx0301	611740	6377767												
P2N_Rx0302	610420	6377767												
P2N_Rx0303	611884	6377771												
P2N_Rx0304	610121	6377787												
P2N_Rx0305	611837	6377792												
P2N_Rx0306	611716	6377818												
P2N_Rx0307	611946	6377832												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0308	611771	6377832												
P2N_Rx0309	611711	6377834												
P2N_Rx0310	611416	6377844												
P2N_Rx0311	611702	6377855												
P2N_Rx0312	611766	6377855												
P2N_Rx0313	611915	6377857												
P2N_Rx0314	611851	6377866												
P2N_Rx0315	611695	6377873												
P2N_Rx0316	611770	6377874												
P2N_Rx0317	611839	6377880												
P2N_Rx0318	611685	6377890												
P2N_Rx0319	611820	6377890												
P2N_Rx0320	611752	6377894												
P2N_Rx0321	612451	6377894												
P2N_Rx0322	611251	6377908												
P2N_Rx0323	610790	6377918	Y											Y
P2N_Rx0324	611748	6377912												
P2N_Rx0325	611686	6377912												
P2N_Rx0326	611310	6377917												
P2N_Rx0327	611242	6377926												
P2N_Rx0328	611822	6377934												
P2N_Rx0329	611303	6377935												
P2N_Rx0330	612027	6377941												
P2N_Rx0331	611377	6377945												
P2N_Rx0332	611237	6377948												
P2N_Rx0333	611742	6377949												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0334	611805	6377955												
P2N_Rx0335	611301	6377955												
P2N_Rx0336	612029	6377963												
P2N_Rx0337	611233	6377964												
P2N_Rx0338	611379	6377967												
P2N_Rx0339	611727	6377969												
P2N_Rx0340	611462	6377972												
P2N_Rx0341	611805	6377973												
P2N_Rx0342	611375	6377981												
P2N_Rx0343	612011	6377982												
P2N_Rx0344	611300	6377984												
P2N_Rx0345	611225	6377984												
P2N_Rx0346	611513	6377990												
P2N_Rx0347	611285	6377995												
P2N_Rx0348	611422	6377996												
P2N_Rx0349	612005	6377998												
P2N_Rx0350	611942	6377999												
P2N_Rx0351	611367	6378000												
P2N_Rx0352	611219	6378002												
P2N_Rx0353	611802	6378005												
P2N_Rx0354	611566	6378005												
P2N_Rx0355	611504	6378008												
P2N_Rx0356	611274	6378013												
P2N_Rx0357	612005	6378016												
P2N_Rx0358	611938	6378019												
P2N_Rx0359	611355	6378025												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0360	611502	6378027												
P2N_Rx0361	611209	6378028												
P2N_Rx0362	611787	6378030												
P2N_Rx0363	611561	6378030												
P2N_Rx0364	611270	6378034												
P2N_Rx0365	611640	6378036												
P2N_Rx0366	611996	6378036												
P2N_Rx0367	611934	6378039												
P2N_Rx0368	611348	6378039												
P2N_Rx0369	611416	6378041												
P2N_Rx0370	611134	6378045												
P2N_Rx0371	611493	6378045												
P2N_Rx0372	611565	6378051												
P2N_Rx0373	610945	6378052	Y											Y
P2N_Rx0374	611991	6378058												
P2N_Rx0375	611342	6378058												
P2N_Rx0376	611405	6378059												
P2N_Rx0377	611924	6378059												
P2N_Rx0378	611486	6378064												
P2N_Rx0379	611550	6378065												
P2N_Rx0380	610781	6378068	Y						Y					Y
P2N_Rx0381	611195	6378067												
P2N_Rx0382	611333	6378072												
P2N_Rx0383	611402	6378079												
P2N_Rx0384	611247	6378084												
P2N_Rx0385	611479	6378085												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0386	611260	6378090												
P2N_Rx0387	611279	6378090												
P2N_Rx0388	611992	6378091												
P2N_Rx0389	611392	6378095												
P2N_Rx0390	611331	6378098												
P2N_Rx0391	611533	6378104												
P2N_Rx0392	611478	6378106												
P2N_Rx0393	611616	6378110												
P2N_Rx0394	611137	6378115												
P2N_Rx0395	611465	6378116												
P2N_Rx0396	611323	6378116												
P2N_Rx0397	611176	6378117												
P2N_Rx0398	611526	6378120												
P2N_Rx0399	611607	6378129												
P2N_Rx0400	611171	6378132												
P2N_Rx0401	611372	6378135												
P2N_Rx0402	611407	6378137												
P2N_Rx0403	611462	6378139												
P2N_Rx0404	611084	6378143												
P2N_Rx0405	611163	6378146												
P2N_Rx0406	611603	6378147												
P2N_Rx0407	611449	6378151												
P2N_Rx0408	611517	6378160												
P2N_Rx0409	611597	6378167												
P2N_Rx0410	611510	6378178												
P2N_Rx0411	611591	6378186												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0413	610158	6378187												
P2N_Rx0414	611146	6378192												
P2N_Rx0415	611582	6378203												
P2N_Rx0416	611638	6378217												
P2N_Rx0417	611488	6378229												
P2N_Rx0418	611143	6378231												
P2N_Rx0419	611563	6378254												
P2N_Rx0420	611477	6378263												
P2N_Rx0421	611561	6378271												
P2N_Rx0422	611622	6378273												
P2N_Rx0423	611469	6378283												
P2N_Rx0424	610935	6378282												
P2N_Rx0425	611556	6378292												
P2N_Rx0426	611696	6378296												
P2N_Rx0427	610204	6378300												
P2N_Rx0428	611484	6378307												
P2N_Rx0429	611548	6378308												
P2N_Rx0430	611695	6378314												
P2N_Rx0431	611463	6378324												
P2N_Rx0432	611614	6378327												
P2N_Rx0433	611541	6378328												
P2N_Rx0434	611679	6378333												
P2N_Rx0435	611101	6378338												
P2N_Rx0436	611445	6378339												
P2N_Rx0437	611593	6378343												
P2N_Rx0438	611535	6378346												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0439	611670	6378355												
P2N_Rx0440	611092	6378358												
P2N_Rx0441	611449	6378364												
P2N_Rx0442	611527	6378365												
P2N_Rx0443	611594	6378366												
P2N_Rx0444	611519	6378381												
P2N_Rx0445	611581	6378385												
P2N_Rx0446	611438	6378391												
P2N_Rx0447	611080	6378393												
P2N_Rx0448	611458	6378403												
P2N_Rx0449	611575	6378410												
P2N_Rx0450	611515	6378410												
P2N_Rx0451	611070	6378417												
P2N_Rx0452	611586	6378444												
P2N_Rx0453	611415	6378448												
P2N_Rx0454	610952	6378461												
P2N_Rx0455	611409	6378467												
P2N_Rx0456	611020	6378478												
P2N_Rx0457	611540	6378479												
P2N_Rx0458	611403	6378485												
P2N_Rx0459	611395	6378501												
P2N_Rx0460	611478	6378507												
P2N_Rx0461	611537	6378511												
P2N_Rx0462	610869	6378513												
P2N_Rx0463	611385	6378525												
P2N_Rx0464	610751	6378523	Y						Y					Y

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0465	611465	6378531												
P2N_Rx0466	611539	6378533												
P2N_Rx0467	611383	6378541												
P2N_Rx0468	611526	6378546												
P2N_Rx0469	611372	6378564												
P2N_Rx0470	611006	6378566												
P2N_Rx0471	611076	6378578												
P2N_Rx0472	611369	6378579												
P2N_Rx0473	611514	6378584												
P2N_Rx0474	611093	6378588												
P2N_Rx0475	611446	6378588												
P2N_Rx0476	611109	6378593												
P2N_Rx0477	611361	6378602												
P2N_Rx0478	611151	6378602												
P2N_Rx0479	611507	6378603												
P2N_Rx0480	611358	6378615												
P2N_Rx0481	611213	6378619												
P2N_Rx0482	611437	6378620												
P2N_Rx0483	611148	6378621												
P2N_Rx0484	611140	6378634												
P2N_Rx0485	611205	6378637												
P2N_Rx0486	611274	6378638												
P2N_Rx0487	611138	6378651												
P2N_Rx0488	611198	6378656												
P2N_Rx0489	611335	6378664												
P2N_Rx0490	611284	6378665												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0491	611136	6378667												
P2N_Rx0492	611351	6378669												
P2N_Rx0493	611366	6378676												
P2N_Rx0494	611194	6378677												
P2N_Rx0495	611127	6378679												
P2N_Rx0496	611275	6378686												
P2N_Rx0497	611180	6378695												
P2N_Rx0498	611121	6378696												
P2N_Rx0499	611268	6378699												
P2N_Rx0500	611417	6378699												
P2N_Rx0501	611331	6378706												
P2N_Rx0502	611179	6378715												
P2N_Rx0503	611316	6378715												
P2N_Rx0504	611119	6378718												
P2N_Rx0505	611466	6378723												
P2N_Rx0506	611404	6378728												
P2N_Rx0507	611172	6378732												
P2N_Rx0508	611312	6378738												
P2N_Rx0509	611401	6378746												
P2N_Rx0510	611176	6378749												
P2N_Rx0511	611311	6378762												
P2N_Rx0512	611245	6378764												
P2N_Rx0513	611388	6378765												
P2N_Rx0514	611301	6378778												
P2N_Rx0515	611245	6378779												
P2N_Rx0516	611378	6378781												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0517	610469	6378788												Y
P2N_Rx0518	611295	6378796												
P2N_Rx0519	611232	6378798												
P2N_Rx0520	611374	6378804												
P2N_Rx0521	610268	6378813												
P2N_Rx0522	611286	6378814												
P2N_Rx0523	611372	6378823												
P2N_Rx0524	610917	6378827												
P2N_Rx0525	611281	6378839												
P2N_Rx0526	611360	6378843												
P2N_Rx0527	610429	6378859												Y
P2N_Rx0528	611357	6378862												
P2N_Rx0529	610916	6378869												
P2N_Rx0530	610832	6378880												
P2N_Rx0531	609810	6378889												
P2N_Rx0532	611264	6378891												
P2N_Rx0533	611300	6378899												
P2N_Rx0534	611275	6378908												
P2N_Rx0535	611332	6378908												
P2N_Rx0536	611389	6378926												
P2N_Rx0537	611405	6378932												
P2N_Rx0538	611328	6378932												
P2N_Rx0539	611422	6378937												
P2N_Rx0540	611469	6378953												
P2N_Rx0541	611315	6378959												
P2N_Rx0542	611382	6378964												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0543	611464	6378972												
P2N_Rx0544	611309	6378977												
P2N_Rx0545	611376	6378984												
P2N_Rx0547	611301	6378990												
P2N_Rx0548	611373	6379004												
P2N_Rx0549	611306	6379009												
P2N_Rx0550	611227	6379011												
P2N_Rx0551	611366	6379020												
P2N_Rx0552	611297	6379020												
P2N_Rx0553	611219	6379024												
P2N_Rx0554	611445	6379025												
P2N_Rx0555	611132	6379028												
P2N_Rx0556	611295	6379039												
P2N_Rx0557	611218	6379045												
P2N_Rx0558	611285	6379050												
P2N_Rx0559	610839	6379051												
P2N_Rx0560	611210	6379056												
P2N_Rx0561	611352	6379064												
P2N_Rx0562	611428	6379065												
P2N_Rx0563	611278	6379067												
P2N_Rx0565	611342	6379078												
P2N_Rx0566	611275	6379078												
P2N_Rx0567	611425	6379085												
P2N_Rx0568	611420	6379102												
P2N_Rx0569	611336	6379102												
P2N_Rx0570	611402	6379124												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0571	611135	6379152												
P2N_Rx0572	611315	6379154												
P2N_Rx0573	611388	6379191												
P2N_Rx0574	609900	6379196												
P2N_Rx0575	611457	6379210												
P2N_Rx0576	611379	6379227												
P2N_Rx0577	611371	6379244												
P2N_Rx0578	611430	6379247												
P2N_Rx0579	611424	6379267												
P2N_Rx0580	611364	6379269												
P2N_Rx0581	611359	6379284												
P2N_Rx0582	611419	6379287												
P2N_Rx0583	611412	6379306												
P2N_Rx0584	611404	6379325												
P2N_Rx0585	611338	6379345												
P2N_Rx0586	611397	6379347												
P2N_Rx0587	611393	6379367												
P2N_Rx0588	611256	6379493												
P2N_Rx0589	611260	6379516												
P2N_Rx0590	611290	6379624												
P2N_Rx0591	611181	6379679												
P2N_Rx0592	611352	6379774												
P2N_Rx0593	611154	6380093												
P2N_Rx0594	611420	6380344												
P2N_Rx0595	611095	6380384												
P2N_Rx0596	610684	6380403												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0597	611354	6380466												
P2N_Rx0598	611303	6380651												
P2N_Rx0599	611317	6381201												
P2N_Rx0600	610229	6381700												Y
P2N_Rx0601	612161	6382027												
P2N_Rx0602	611916	6383936												
P2N_Rx0603	611841	6383951												
P2N_Rx0604	611920	6383983												
P2N_Rx0605	608148	6384102												
P2N_Rx0606	608078	6384221												
P2N_Rx0607	609224	6394853												
P2N_Rx0608	607948	6395686												
P2N_Rx0609	609391	6396970												
P2N_Rx0610	608802	6398274												
P2N_Rx0611	606625	6399306												
P2N_Rx0612	605497	6400546												
P2N_Rx0613	606477	6401469												
P2N_Rx0614	606248	6403536												
P2N_Rx0615	607612	6407654												
P2N_Rx0616	605265	6407730												
P2N_Rx0617	607990	6408230												
P2N_Rx0618	606075	6408465												
P2N_Rx0619	606119	6408472												
P2N_Rx0620	607956	6411559												
P2N_Rx0621	608093	6414394												
P2N_Rx0622	607120	6416701												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0623	607114	6416722												
P2N_Rx0624	609127	6418194												
P2N_Rx0625	608984	6419519												
P2N_Rx0626	609555	6421155												
P2N_Rx0627	613222	6424460												
P2N_Rx0628	612765	6424474												
P2N_Rx0629	612489	6424536												
P2N_Rx0630	612699	6426394												
P2N_Rx0631	612616	6426442												
P2N_Rx0632	614230	6426739												
P2N_Rx0633	615011	6427195												
P2N_Rx0634	611844	6427566												
P2N_Rx0635	612439	6429031												
P2N_Rx0636	612182	6429067												
P2N_Rx0637	616181	6429620												
P2N_Rx0638	616364	6429773												
P2N_Rx0639	612663	6429809												
P2N_Rx0640	612590	6429812												
P2N_Rx0641	614976	6430104												
P2N_Rx0642	616425	6430318												
P2N_Rx0643	613775	6430502												
P2N_Rx0644	614475	6430567												Y
P2N_Rx0645	615236	6430888												
P2N_Rx0646	616780	6430895												
P2N_Rx0647	617170	6430920												
P2N_Rx0648	615318	6430927												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0649	617161	6430962												
P2N_Rx0650	616795	6430966												
P2N_Rx0651	615161	6431074												
P2N_Rx0652	616859	6431133												
P2N_Rx0653	616806	6431344												
P2N_Rx0654	616292	6431595												
P2N_Rx0655	615882	6431642												
P2N_Rx0656	616320	6431705												
P2N_Rx0657	616603	6431719												
P2N_Rx0658	616534	6431767												
P2N_Rx0659	616606	6431774												
P2N_Rx0660	616535	6431791												
P2N_Rx0661	616510	6431794												
P2N_Rx0662	616492	6431795												
P2N_Rx0663	616472	6431797												
P2N_Rx0664	616451	6431798												
P2N_Rx0665	616435	6431799												
P2N_Rx0666	614994	6431802												
P2N_Rx0667	616418	6431808												
P2N_Rx0668	616382	6431810												
P2N_Rx0669	616398	6431811												
P2N_Rx0670	616367	6431811												
P2N_Rx0671	616617	6431818												
P2N_Rx0672	616347	6431820												
P2N_Rx0673	616328	6431822												
P2N_Rx0674	616308	6431826												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0675	616548	6431833												
P2N_Rx0676	615002	6431838												
P2N_Rx0677	616526	6431838												
P2N_Rx0678	616504	6431843												
P2N_Rx0679	616489	6431845												
P2N_Rx0680	616669	6431845												
P2N_Rx0681	616442	6431853												
P2N_Rx0682	616424	6431857												
P2N_Rx0683	616398	6431858												
P2N_Rx0684	616546	6431860												
P2N_Rx0685	616378	6431864												
P2N_Rx0686	616622	6431865												
P2N_Rx0687	616335	6431872												
P2N_Rx0688	616316	6431872												
P2N_Rx0689	616494	6431874												
P2N_Rx0690	616548	6431878												
P2N_Rx0691	615855	6431878												
P2N_Rx0692	616669	6431881												
P2N_Rx0693	616439	6431881												
P2N_Rx0694	616385	6431886												
P2N_Rx0695	616498	6431891												
P2N_Rx0696	616338	6431897												
P2N_Rx0697	616553	6431899												
P2N_Rx0698	616442	6431903												
P2N_Rx0699	616389	6431906												
P2N_Rx0700	616500	6431907												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0701	616553	6431914												
P2N_Rx0702	615518	6431910	Y						Y					Y
P2N_Rx0703	616336	6431917												
P2N_Rx0704	616389	6431920												
P2N_Rx0705	616447	6431921												
P2N_Rx0706	616506	6431923												
P2N_Rx0707	616339	6431934												
P2N_Rx0708	616396	6431935												
P2N_Rx0709	616557	6431937												
P2N_Rx0710	616453	6431941												
P2N_Rx0711	616504	6431942												
P2N_Rx0712	616560	6431950												
P2N_Rx0713	616400	6431952												
P2N_Rx0714	616449	6431955												
P2N_Rx0715	616401	6431968												
P2N_Rx0716	616562	6431970												
P2N_Rx0717	616509	6431977												
P2N_Rx0718	616462	6431977												
P2N_Rx0719	616570	6431987												
P2N_Rx0720	616401	6431987												
P2N_Rx0721	616459	6431992												
P2N_Rx0722	615104	6431994												
P2N_Rx0723	616743	6431996												
P2N_Rx0724	616403	6432000												
P2N_Rx0725	616353	6432001												
P2N_Rx0726	616567	6432005												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0727	616466	6432009												
P2N_Rx0728	616519	6432013												
P2N_Rx0729	616407	6432018												
P2N_Rx0730	616355	6432019												
P2N_Rx0731	616466	6432024												
P2N_Rx0732	616576	6432024												
P2N_Rx0733	616523	6432034												
P2N_Rx0734	616359	6432034												
P2N_Rx0735	616412	6432034												
P2N_Rx0736	616472	6432043												
P2N_Rx0737	616561	6432046												
P2N_Rx0738	616581	6432050												
P2N_Rx0739	616408	6432052												
P2N_Rx0740	616363	6432052												
P2N_Rx0741	616541	6432054												
P2N_Rx0742	616518	6432058												
P2N_Rx0743	616469	6432063												
P2N_Rx0744	616452	6432070												
P2N_Rx0745	616438	6432074												
P2N_Rx0746	616417	6432078												
P2N_Rx0747	615523	6432090												
P2N_Rx0748	616583	6432106												
P2N_Rx0749	616674	6432109												
P2N_Rx0750	616751	6432112												
P2N_Rx0751	616537	6432118												
P2N_Rx0752	615657	6432115	Y				Y		Y					Y

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0753	616469	6432120												
P2N_Rx0754	616516	6432124												
P2N_Rx0755	616586	6432140												
P2N_Rx0756	616469	6432144												
P2N_Rx0757	616765	6432151												
P2N_Rx0758	616521	6432156												
P2N_Rx0759	616677	6432170												
P2N_Rx0760	615193	6432189												
P2N_Rx0762	615611	6432191												Y
P2N_Rx0763	616770	6432197												
P2N_Rx0764	616477	6432209												
P2N_Rx0765	616487	6432222												
P2N_Rx0766	615405	6432232												
P2N_Rx0767	616779	6432233												
P2N_Rx0768	616490	6432246												
P2N_Rx0769	616784	6432261												
P2N_Rx0771	616494	6432270												
P2N_Rx0772	616494	6432289												
P2N_Rx0773	616624	6432295												
P2N_Rx0774	616504	6432314												
P2N_Rx0775	616779	6432315												
P2N_Rx0776	616624	6432316												
P2N_Rx0777	616605	6432321												
P2N_Rx0778	616584	6432324												
P2N_Rx0779	616567	6432328												
P2N_Rx0780	616544	6432329												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0781	616699	6432335												
P2N_Rx0782	616506	6432335												
P2N_Rx0783	616483	6432336												
P2N_Rx0784	616464	6432343												
P2N_Rx0785	616438	6432345												
P2N_Rx0786	616792	6432354												
P2N_Rx0787	616869	6432362												
P2N_Rx0788	616704	6432373												
P2N_Rx0789	615604	6432378												
P2N_Rx0790	616795	6432390												
P2N_Rx0792	615116	6432391												
P2N_Rx0793	616944	6432392												
P2N_Rx0794	616568	6432394												
P2N_Rx0795	616506	6432403												
P2N_Rx0796	616869	6432406												
P2N_Rx0797	616963	6432414												
P2N_Rx0799	616632	6432415												
P2N_Rx0800	616567	6432416												
P2N_Rx0801	616450	6432419												
P2N_Rx0802	616427	6432420												
P2N_Rx0803	616499	6432421												
P2N_Rx0804	615795	6432424	Y				Y		Y					Y
P2N_Rx0805	616801	6432434												
P2N_Rx0809	616872	6432442												
P2N_Rx0810	616501	6432446												
P2N_Rx0811	616974	6432450												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0812	616437	6432453												
P2N_Rx0813	616575	6432454												
P2N_Rx0814	616636	6432455												
P2N_Rx0815	616510	6432465												
P2N_Rx0816	616878	6432472												
P2N_Rx0818	616812	6432475												
P2N_Rx0819	616444	6432477												
P2N_Rx0820	616578	6432480												
P2N_Rx0821	616634	6432481												
P2N_Rx0822	616512	6432481												
P2N_Rx0823	616444	6432493												
P2N_Rx0824	615458	6432495												
P2N_Rx0825	616578	6432497												
P2N_Rx0826	616517	6432503												
P2N_Rx0827	617059	6432505												
P2N_Rx0828	616607	6432511												
P2N_Rx0829	616451	6432513												
P2N_Rx0830	616582	6432518												
P2N_Rx0831	616515	6432525												
P2N_Rx0832	616445	6432543												
P2N_Rx0833	616792	6432544												
P2N_Rx0834	616740	6432548												
P2N_Rx0835	616825	6432560												
P2N_Rx0836	616741	6432564												
P2N_Rx0837	616658	6432565												
P2N_Rx0838	616614	6432570												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0839	617144	6432571												
P2N_Rx0841	616743	6432577												
P2N_Rx0842	614626	6432578												
P2N_Rx0843	616530	6432583												
P2N_Rx0844	616837	6432584												
P2N_Rx0845	616597	6432593												
P2N_Rx0846	616744	6432596												
P2N_Rx0847	616454	6432597												
P2N_Rx0848	616836	6432599												
P2N_Rx0849	616534	6432602												
P2N_Rx0850	616669	6432612												
P2N_Rx0851	617062	6432615												
P2N_Rx0852	616458	6432616												
P2N_Rx0853	616597	6432617												
P2N_Rx0854	616845	6432620												
P2N_Rx0855	616750	6432630												
P2N_Rx0856	616462	6432635												
P2N_Rx0857	616533	6432637												
P2N_Rx0858	616842	6432640												
P2N_Rx0859	616604	6432641												
P2N_Rx0860	613987	6432641												
P2N_Rx0861	616468	6432651												
P2N_Rx0862	616671	6432651												
P2N_Rx0863	616846	6432654												
P2N_Rx0864	616606	6432657												
P2N_Rx0865	616761	6432661												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0866	616544	6432664												
P2N_Rx0867	616849	6432671												
P2N_Rx0868	616466	6432673												
P2N_Rx0869	616605	6432681												
P2N_Rx0870	616847	6432681												
P2N_Rx0871	616762	6432684												
P2N_Rx0872	616541	6432686												
P2N_Rx0873	616468	6432694												
P2N_Rx0874	616551	6432701												
P2N_Rx0875	616614	6432703												
P2N_Rx0876	616676	6432703												
P2N_Rx0877	616765	6432705												
P2N_Rx0878	616478	6432713												
P2N_Rx0879	616856	6432717												
P2N_Rx0880	616618	6432723												
P2N_Rx0881	616769	6432732												
P2N_Rx0882	616554	6432732												
P2N_Rx0883	616527	6432735												
P2N_Rx0884	616858	6432740												
P2N_Rx0885	616477	6432740												
P2N_Rx0886	616506	6432742												
P2N_Rx0887	616858	6432750												
P2N_Rx0888	614524	6432759												
P2N_Rx0889	616702	6432763												
P2N_Rx0890	616685	6432764												
P2N_Rx0891	616670	6432765												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0892	616628	6432778												
P2N_Rx0893	616867	6432779												
P2N_Rx0894	616869	6432791												
P2N_Rx0895	616559	6432793												
P2N_Rx0896	616635	6432797												
P2N_Rx0897	616511	6432799												
P2N_Rx0898	616486	6432801												
P2N_Rx0899	614210	6432810												
P2N_Rx0900	616573	6432811												
P2N_Rx0901	616633	6432820												
P2N_Rx0902	616573	6432826												
P2N_Rx0903	616500	6432835												
P2N_Rx0904	616635	6432845												
P2N_Rx0905	616575	6432849												
P2N_Rx0906	616509	6432857												
P2N_Rx0907	616580	6432867												
P2N_Rx0908	616637	6432869												
P2N_Rx0909	616501	6432879												
P2N_Rx0910	617274	6432879												
P2N_Rx0911	616577	6432891												
P2N_Rx0912	616640	6432892												
P2N_Rx0913	616507	6432897												
P2N_Rx0914	616662	6432907												
P2N_Rx0915	617334	6432912												
P2N_Rx0916	616560	6432926												
P2N_Rx0917	616592	6432926												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0918	616538	6432927												
P2N_Rx0919	617271	6432931												
P2N_Rx0920	614328	6432946												
P2N_Rx0921	616515	6432949												
P2N_Rx0922	617342	6432959												
P2N_Rx0923	617274	6432967												
P2N_Rx0924	616583	6432986												
P2N_Rx0925	616600	6432986												
P2N_Rx0926	616565	6432996												
P2N_Rx0927	617279	6432997												
P2N_Rx0928	616551	6433001												
P2N_Rx0929	613930	6433001												
P2N_Rx0930	617350	6433005												
P2N_Rx0931	616527	6433031												
P2N_Rx0932	617285	6433033												
P2N_Rx0933	616966	6433063												
P2N_Rx0934	617359	6433063												
P2N_Rx0935	617296	6433071												
P2N_Rx0936	616976	6433082												
P2N_Rx0937	614391	6433102												
P2N_Rx0938	616987	6433123												
P2N_Rx0939	617370	6433129												
P2N_Rx0940	616933	6433133												
P2N_Rx0941	616915	6433136												
P2N_Rx0942	616893	6433137												
P2N_Rx0943	617309	6433137												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0944	614652	6433143												
P2N_Rx0945	614294	6433150												
P2N_Rx0946	614560	6433159												
P2N_Rx0947	617370	6433159												
P2N_Rx0948	617309	6433181												
P2N_Rx0949	614058	6433191												
P2N_Rx0950	617095	6433193												
P2N_Rx0951	616927	6433203												
P2N_Rx0952	617097	6433208												
P2N_Rx0953	617317	6433212												
P2N_Rx0954	616933	6433215												
P2N_Rx0955	617375	6433220												
P2N_Rx0956	616995	6433224												
P2N_Rx0957	616937	6433230												
P2N_Rx0958	617094	6433237												
P2N_Rx0959	616641	6433239												
P2N_Rx0960	616562	6433242												
P2N_Rx0961	616996	6433244												
P2N_Rx0962	616945	6433246												
P2N_Rx0963	616696	6433247												
P2N_Rx0965	616999	6433256												
P2N_Rx0967	617378	6433258												
P2N_Rx0969	616642	6433260												
P2N_Rx0970	617103	6433261												
P2N_Rx0971	617323	6433264												
P2N_Rx0972	616501	6433269												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx0973	617003	6433272												
P2N_Rx0974	616567	6433272												
P2N_Rx0975	617107	6433275												
P2N_Rx0977	616564	6433282												
P2N_Rx0978	617106	6433286												
P2N_Rx0981	616949	6433289												
P2N_Rx0982	617010	6433289												
P2N_Rx0983	616657	6433296												
P2N_Rx0984	616952	6433297												
P2N_Rx0985	616573	6433300												
P2N_Rx0986	616507	6433305												
P2N_Rx0987	617015	6433308												
P2N_Rx0989	616659	6433311												
P2N_Rx0990	617111	6433313												
P2N_Rx0991	616506	6433316												
P2N_Rx0992	617328	6433316												
P2N_Rx0993	616952	6433319												
P2N_Rx0994	617010	6433321												
P2N_Rx0995	616574	6433322												
P2N_Rx0996	616430	6433324												
P2N_Rx0997	616713	6433330												
P2N_Rx0999	616652	6433333												
P2N_Rx1001	616963	6433335												
P2N_Rx1002	617015	6433337												
P2N_Rx1003	616507	6433338												
P2N_Rx1005	616444	6433345												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1006	617023	6433349												
P2N_Rx1007	616518	6433353												
P2N_Rx1008	616966	6433355												
P2N_Rx1010	616717	6433361												
P2N_Rx1011	616443	6433363												
P2N_Rx1012	616518	6433370												
P2N_Rx1013	616663	6433371												
P2N_Rx1015	616380	6433377												
P2N_Rx1016	616724	6433379												
P2N_Rx1017	616581	6433381												
P2N_Rx1018	617231	6433381												
P2N_Rx1019	616792	6433382												
P2N_Rx1020	616450	6433384												
P2N_Rx1021	617345	6433385												
P2N_Rx1022	616520	6433390												
P2N_Rx1023	616383	6433397												
P2N_Rx1024	616669	6433404												
P2N_Rx1026	616454	6433405												
P2N_Rx1027	616383	6433410												
P2N_Rx1028	616976	6433416												
P2N_Rx1029	616534	6433417												
P2N_Rx1030	616647	6433417												
P2N_Rx1031	616965	6433418												
P2N_Rx1032	616608	6433419												
P2N_Rx1033	616592	6433423												
P2N_Rx1034	616931	6433425												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1035	616463	6433429												
P2N_Rx1037	616511	6433434												
P2N_Rx1038	616529	6433437												
P2N_Rx1039	616453	6433438												
P2N_Rx1040	616394	6433448												
P2N_Rx1041	616733	6433455												
P2N_Rx1042	617095	6433459												
P2N_Rx1043	616803	6433462												
P2N_Rx1044	616680	6433467												
P2N_Rx1045	616606	6433476												
P2N_Rx1046	616740	6433478												
P2N_Rx1048	616537	6433484												
P2N_Rx1049	616397	6433492												
P2N_Rx1050	616806	6433495												
P2N_Rx1051	616740	6433495												
P2N_Rx1052	616493	6433495												
P2N_Rx1053	616542	6433500												
P2N_Rx1054	616743	6433506												
P2N_Rx1055	616458	6433506												
P2N_Rx1056	617055	6433509												
P2N_Rx1057	616683	6433517												
P2N_Rx1060	616603	6433519												
P2N_Rx1061	616405	6433521												
P2N_Rx1062	616476	6433525												
P2N_Rx1063	616751	6433533												
P2N_Rx1064	616614	6433536												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1066	616550	6433536												
P2N_Rx1067	616808	6433538												
P2N_Rx1068	616693	6433539												
P2N_Rx1069	616685	6433550												
P2N_Rx1071	616550	6433552												
P2N_Rx1072	616747	6433559												
P2N_Rx1073	616609	6433560												
P2N_Rx1074	616759	6433561												
P2N_Rx1076	616693	6433566												
P2N_Rx1077	616413	6433572												
P2N_Rx1078	616548	6433574												
P2N_Rx1079	616622	6433577												
P2N_Rx1080	616476	6433579												
P2N_Rx1081	616487	6433591												
P2N_Rx1082	616419	6433591												
P2N_Rx1083	616993	6433602												
P2N_Rx1085	616419	6433612												
P2N_Rx1086	616704	6433614												
P2N_Rx1087	616647	6433628												
P2N_Rx1088	616696	6433632												
P2N_Rx1089	616562	6433640												
P2N_Rx1090	616999	6433640												
P2N_Rx1092	616830	6433646												
P2N_Rx1093	616564	6433654												
P2N_Rx1094	616496	6433662												
P2N_Rx1096	616430	6433668												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1097	616406	6433670												
P2N_Rx1098	616699	6433671												
P2N_Rx1101	617001	6433676												
P2N_Rx1102	616487	6433684												
P2N_Rx1103	616779	6433687												
P2N_Rx1105	616493	6433697												
P2N_Rx1106	616504	6433712												
P2N_Rx1109	616573	6433717												
P2N_Rx1110	616644	6433720												
P2N_Rx1111	616787	6433731												
P2N_Rx1113	616707	6433737												
P2N_Rx1114	616512	6433745												
P2N_Rx1115	616443	6433748												
P2N_Rx1116	616652	6433753												
P2N_Rx1117	616584	6433767												
P2N_Rx1118	616715	6433778												
P2N_Rx1119	616520	6433781												
P2N_Rx1120	616452	6433786												
P2N_Rx1121	616655	6433803												
P2N_Rx1122	616721	6433808												
P2N_Rx1124	616589	6433814												
P2N_Rx1125	616529	6433816												
P2N_Rx1126	616457	6433822												
P2N_Rx1127	616661	6433841												
P2N_Rx1129	615825	6434056												
P2N_Rx1301	602007	6332895												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Xing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1302	601053	6333120												
P2N_Rx1303	600081	6332659												
P2N_Rx1304	602135	6331333												
P2N_Rx1305	603288	6333817												
P2N_Rx1306	616579	6429153												
P2N_Rx1307	617860	6429135												
P2N_Rx1308	617307	6429464												
P2N_Rx1309	606476	6401590												
P2N_Rx1310	617054	6428745												
P2N_Rx1311	607713	6332876												
P2N_Rx1312	607809	6332571												
P2N_Rx1313	607811	6332613												
P2N_Rx1314	616402	6433536												
P2N_Rx1315	607730	6332876												
P2N_Rx1316	607989	6332949												
P2N_Rx1317	611233	6378984												
P2N_Rx1318	607817	6332760												
P2N_Rx1319	607849	6332807												
P2N_Rx1320	617054	6432571												
P2N_Rx1321	616595	6433841												
P2N_Rx1322	616474	6432189												
P2N_Rx1323	616688	6432261												
P2N_Rx1324	616628	6432390												
P2N_Rx1325	616710	6432414												
P2N_Rx1326	616570	6432434												
P2N_Rx1327	616630	6432434												

Table C.4 Exceedances of RNP sleep awakening criteria at individual receivers

Exceedance of RNP Sleep Awakening Criteria														
Receiver ID	Easting	Northing	Full alignment works: S1, S2, S3, S4	S5: Signalised Crossing	S6: Give Way Crossing	S7: Level Crossing removal	S8: Culvert works	S09: Crossing loop construction	S10: Post possession	S11: NW Connection Site establishment	S12: NW Connection Earthworks	S13: NW Connection Trackworks	S14: NW Connection Overbridge	Cumulative Impacts
P2N_Rx1329	616710	6432472												
P2N_Rx1330	616441	6433712												
P2N_Rx1331	616941	6433258												
P2N_Rx1332	616644	6433286												
P2N_Rx1333	616644	6433687												
P2N_Rx1334	616567	6433671												
P2N_Rx1335	616578	6433333												
P2N_Rx1336	616630	6433640												
P2N_Rx1337	616698	6433275												
P2N_Rx1338	616366	6433355												
P2N_Rx1339	616586	6433371												
P2N_Rx1340	616589	6433404												
P2N_Rx1341	616551	6433602												
P2N_Rx1342	616674	6433478												
P2N_Rx1343	616540	6433517												
P2N_Rx1344	616482	6433561												
P2N_WORx0001	611631	6378275												
P2N_WORx0002	611854	6378051												

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_EDUx0001	611919	6377926	32	32	34	34	32	32	44	44	32	32	47	47	60	65
P2N_EDUx0002	611638	6378217	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_EDUx0003	611742	6378144	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_HOSx0001	616743	6431996	31	31	31	31	31	31	41	41	31	31	44	44	61	65
P2N_REAx0001	611346	6378430	34	37	36	39	34	37	46	49	34	37	50	50	66	70
P2N_REAx0002	611300	6378535	35	37	36	39	35	37	47	49	35	37	50	50	66	71
P2N_REAx0003	610416	6378088	38	40	40	42	38	40	50	53	38	40	53	53	71	74
P2N_REAx0004	610279	6377995	35	38	37	40	35	38	47	50	35	38	51	51	67	71
P2N_REAx0005	616569	6432186	31	33	31	33	31	33	41	43	31	33	44	44	64	68
P2N_REAx0006	611481	6378802	32	34	33	36	32	34	43	46	32	34	46	46	62	67
P2N_REPx0001	611454	6378883	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_REAx0007	611356	6378274	35	37	37	39	35	37	47	49	35	37	50	50	67	71
P2N_Rx0173	606281	6333424	38	38	39	39	38	38	50	50	38	38	53	53	70	73
P2N_Rx0174	606039	6333589	40	40	41	41	40	40	52	52	40	40	55	55	71	74
P2N_Rx0175	607668	6334133	22	22	23	23	22	22	25	25	22	22	28	28	53	56
P2N_Rx0176	607443	6334195	23	23	24	24	23	23	30	30	23	23	33	33	53	57
P2N_Rx0177	607620	6334277	22	22	23	23	22	22	22	22	22	22	25	25	52	56
P2N_Rx0178	606440	6334316	30	30	31	31	30	30	41	41	30	30	44	44	57	62
P2N_Rx0179	607234	6334389	23	23	25	25	23	23	31	31	23	23	35	35	52	56
P2N_Rx0180	606556	6334456	28	28	30	30	28	28	39	39	28	28	42	42	55	60
P2N_Rx0181	605642	6334456	37	37	39	39	37	37	49	49	37	37	52	52	67	71
P2N_Rx0182	607024	6334514	25	25	26	26	25	25	34	34	25	25	37	37	52	56
P2N_Rx0183	605417	6334604	40	40	41	41	40	40	52	52	40	40	55	55	70	73
P2N_Rx0184	607132	6334625	24	24	25	25	24	24	32	32	24	24	35	35	51	55
P2N_Rx0185	605390	6334678	40	40	41	41	40	40	51	51	40	40	55	55	70	73
P2N_Rx0186	606509	6334826	28	28	29	29	28	28	39	39	28	28	42	42	55	59
P2N_Rx0187	606439	6334927	28	28	29	29	28	28	39	39	28	28	42	42	55	60
P2N_Rx0188	605085	6335096	42	42	43	43	42	42	53	53	42	42	57	57	71	75
P2N_Rx0189	605855	6335140	32	32	33	33	32	32	43	43	32	32	46	46	60	64
P2N_Rx0190	606751	6335264	25	25	26	26	25	25	32	32	25	25	35	35	51	56
P2N_Rx0191	606632	6335392	25	25	27	27	25	25	33	33	25	25	36	36	52	56
P2N_Rx0192	606037	6335405	29	29	31	31	29	29	41	41	29	29	44	44	56	61
P2N_Rx0193	606091	6335446	29	29	30	30	29	29	40	40	29	29	43	43	56	61
P2N_Rx0194	603678	6335637	34	34	35	35	34	34	46	46	34	34	49	49	63	67
P2N_Rx0195	603391	6335737	32	32	33	33	32	32	43	43	32	32	46	46	60	64
P2N_Rx0196	604200	6335810	43	44	44	44	43	44	55	55	43	44	58	58	74	77
P2N_Rx0197	604109	6335849	42	42	43	43	42	42	53	53	42	42	56	56	72	75
P2N_Rx0198	606166	6335910	27	27	28	28	27	27	37	37	27	27	40	40	54	58
P2N_Rx0199	603613	6335917	35	35	36	36	35	35	46	46	35	35	49	49	64	67
P2N_Rx0200	606348	6336046	26	26	27	27	26	26	34	34	26	26	37	37	52	56

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0201	603442	6336202	34	34	34	34	34	34	45	45	34	34	48	48	62	66
P2N_Rx0202	605719	6336662	29	29	30	30	29	29	39	39	29	29	42	42	56	60
P2N_Rx0203	603335	6336953	35	35	36	36	35	35	46	46	35	35	49	49	64	67
P2N_Rx0204	605018	6337152	34	34	35	35	34	34	45	45	34	34	48	48	63	66
P2N_Rx0205	604431	6337320	42	42	43	43	42	42	53	53	42	42	56	56	72	75
P2N_Rx0206	602580	6337450	29	29	30	30	29	29	39	39	29	29	42	42	57	60
P2N_Rx0207	605121	6337526	33	33	33	33	33	33	43	43	33	33	46	46	61	64
P2N_Rx0208	606000	6337667	26	26	26	26	26	26	30	30	26	26	33	33	52	55
P2N_Rx0209	604305	6337785	43	43	43	43	43	43	54	54	43	43	57	57	73	76
P2N_Rx0210	603315	6337945	38	38	38	38	38	38	48	48	38	38	52	52	67	70
P2N_Rx0211	605270	6338406	30	30	31	31	30	30	41	41	30	30	44	44	58	61
P2N_Rx0212	604944	6340546	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0213	603861	6341031	51	51	52	52	51	51	62	62	51	51	66	66	86	88
P2N_Rx0214	602852	6342583	29	29	30	30	29	29	39	39	29	29	42	42	56	60
P2N_Rx0215	606651	6343542	25	25	26	26	25	25	32	32	25	25	35	35	52	56
P2N_Rx0216	606505	6344336	27	27	27	27	27	27	35	35	27	27	38	38	54	57
P2N_Rx0217	603830	6344706	33	33	33	33	33	33	43	43	33	33	46	46	60	63
P2N_Rx0218	605715	6346443	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0219	606441	6346807	29	29	30	30	29	29	40	40	29	29	43	43	56	60
P2N_Rx0220	606170	6347482	34	34	34	34	34	34	44	44	34	34	47	47	62	65
P2N_Rx0221	608548	6350610	25	25	26	26	25	25	35	35	25	25	38	38	53	57
P2N_Rx0222	608620	6350985	28	28	29	29	28	28	38	38	28	28	41	41	54	59
P2N_Rx0223	606554	6351255	44	44	45	45	44	44	55	55	44	44	59	59	75	77
P2N_Rx0224	610158	6353174	28	28	29	29	28	28	38	38	28	28	41	41	55	59
P2N_Rx0225	608310	6354624	35	35	36	36	35	35	46	46	35	35	49	49	64	67
P2N_Rx0226	607928	6355010	29	29	30	30	29	29	39	39	29	29	42	42	57	61
P2N_Rx0227	610796	6355250	31	31	32	32	31	31	41	41	31	31	45	45	58	63
P2N_Rx0228	608678	6357223	32	32	33	33	32	32	43	43	32	32	46	46	60	64
P2N_Rx0229	611639	6357281	26	26	27	27	26	26	34	34	26	26	37	37	53	57
P2N_Rx0230	610805	6357330	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0231	608524	6359518	28	28	29	29	28	28	38	38	28	28	41	41	56	59
P2N_Rx0232	610703	6360044	37	37	38	38	37	37	48	48	37	37	51	51	66	70
P2N_Rx0233	610606	6360125	39	39	39	39	39	39	50	50	39	39	53	53	67	71
P2N_Rx0234	609342	6360451	36	36	37	37	36	36	48	48	36	36	51	51	65	69
P2N_Rx0235	609240	6361599	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0236	611545	6361985	36	36	36	36	36	36	47	47	36	36	50	50	64	68
P2N_Rx0237	612965	6364201	39	39	40	40	39	39	51	51	39	39	54	54	70	73
P2N_Rx0238	610781	6364374	30	30	31	31	30	30	40	40	30	30	43	43	57	61
P2N_Rx0239	610715	6366575	25	25	27	27	25	25	33	33	25	25	36	36	51	56
P2N_Rx0240	612174	6368440	35	35	36	36	35	35	46	46	35	35	49	49	64	68

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0241	614115	6369946	40	40	41	41	40	40	51	51	40	40	54	54	69	73
P2N_Rx0242	613292	6371054	40	40	41	41	40	40	52	52	40	40	55	55	69	73
P2N_Rx0243	614688	6371091	33	33	34	34	33	33	44	44	33	33	47	47	61	66
P2N_Rx0244	614476	6371198	35	35	36	36	35	35	46	46	35	35	49	49	64	68
P2N_Rx0245	614564	6371224	34	34	35	35	34	34	46	46	34	34	49	49	63	67
P2N_Rx0246	615203	6371286	27	27	28	28	27	27	36	36	27	27	39	39	55	58
P2N_Rx0247	614555	6371337	33	33	35	35	33	33	45	45	33	33	48	48	63	67
P2N_Rx0248	613680	6371376	51	51	52	52	51	51	63	63	51	51	66	66	85	88
P2N_Rx0249	614439	6371440	36	36	37	37	36	36	47	47	36	36	50	50	65	69
P2N_Rx0250	614163	6371760	39	39	40	40	39	39	51	51	39	39	54	54	69	72
P2N_Rx0251	613931	6371790	43	43	44	44	43	43	55	55	43	43	58	58	74	77
P2N_Rx0252	614459	6371825	35	35	36	36	35	35	46	46	35	35	49	49	64	68
P2N_Rx0253	614993	6371877	29	29	30	30	29	29	40	40	29	29	43	43	57	61
P2N_Rx0254	614021	6371901	41	41	42	42	41	41	52	52	41	41	55	55	71	74
P2N_Rx0255	614088	6372224	37	37	38	38	37	37	48	48	37	37	51	51	67	70
P2N_Rx0256	614826	6372748	28	28	29	29	28	28	38	38	28	28	42	42	56	60
P2N_Rx0257	614819	6373310	26	26	27	27	26	26	35	35	26	26	38	38	54	58
P2N_Rx0258	612931	6373361	43	43	44	44	43	43	55	55	43	43	58	58	74	77
P2N_Rx0259	612899	6373701	34	34	36	36	34	34	46	46	34	34	49	49	62	66
P2N_Rx0260	612090	6374070	53	53	54	54	53	53	64	64	53	53	67	67	88	91
P2N_Rx0261	612600	6374506	38	38	39	39	38	38	50	50	38	38	53	53	68	71
P2N_Rx0262	612922	6375599	30	30	32	32	30	30	41	42	30	30	45	45	58	63
P2N_Rx0263	610395	6375742	31	31	32	32	31	31	42	42	31	31	45	45	59	63
P2N_Rx0264	613204	6376034	27	27	28	28	27	27	37	37	27	27	40	40	54	58
P2N_Rx0265	611833	6376087	42	42	43	43	42	42	53	53	42	42	57	57	73	75
P2N_Rx0266	612811	6376199	30	30	31	31	30	30	41	41	30	30	44	44	58	62
P2N_Rx0267	612869	6376491	28	28	30	30	28	28	39	39	28	28	42	42	56	60
P2N_Rx0268	612538	6376549	31	31	32	32	31	31	42	42	31	31	45	45	59	63
P2N_Rx0269	611665	6376614	42	42	43	43	42	42	53	53	42	42	56	56	72	75
P2N_Rx0270	609733	6376902	29	29	30	30	29	29	40	40	29	29	43	43	56	61
P2N_Rx0271	610063	6377008	32	32	33	33	32	32	43	43	32	32	46	46	60	65
P2N_Rx0272	611077	6377096	55	55	56	56	55	55	65	65	55	55	69	69	90	92
P2N_Rx0273	611498	6377145	42	42	43	43	42	42	53	53	42	42	56	56	72	75
P2N_Rx0274	611371	6377188	44	44	45	45	44	44	55	55	44	44	58	58	75	77
P2N_Rx0275	611434	6377225	42	42	43	43	42	42	54	54	42	42	57	57	73	76
P2N_Rx0276	611596	6377265	39	39	40	40	39	39	50	50	39	39	54	54	69	72
P2N_Rx0277	611804	6377268	36	36	37	37	36	36	48	48	36	36	51	51	65	69
P2N_Rx0278	611828	6377278	36	36	37	37	36	36	47	47	36	36	50	50	65	69
P2N_Rx0279	611849	6377284	35	35	37	37	35	35	47	47	35	35	50	50	65	68
P2N_Rx0280	611865	6377288	35	35	37	37	35	35	47	47	35	35	50	50	64	68

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmx No Build	LAmx Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0281	611198	6377287	48	48	49	49	48	48	59	59	48	48	62	62	82	84
P2N_Rx0282	611899	6377300	35	35	36	36	35	35	46	46	35	35	49	49	64	68
P2N_Rx0283	611167	6377310	50	50	51	51	50	50	62	62	50	50	65	65	85	87
P2N_Rx0284	612085	6377361	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0285	611222	6377410	46	46	47	47	46	46	58	58	46	46	61	61	79	81
P2N_Rx0286	611803	6377544	35	35	36	36	35	35	46	46	35	35	50	50	64	68
P2N_Rx0287	611178	6377571	43	43	45	45	43	43	56	56	43	43	59	59	76	79
P2N_Rx0288	612000	6377578	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0289	611271	6377598	43	43	44	44	43	43	55	55	43	43	58	58	73	77
P2N_Rx0290	611788	6377605	35	35	36	36	35	35	46	46	35	35	49	49	64	68
P2N_Rx0291	612182	6377621	31	31	32	32	31	31	42	42	31	31	45	45	59	63
P2N_Rx0292	612292	6377631	30	30	31	31	30	30	41	41	30	30	44	44	58	62
P2N_Rx0293	611896	6377638	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0294	611328	6377680	41	41	42	42	41	41	53	53	41	41	56	56	71	75
P2N_Rx0295	611572	6377694	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0296	611756	6377698	35	35	36	36	35	35	46	46	35	35	50	50	64	68
P2N_Rx0297	610871	6377720	50	50	52	52	50	50	62	62	50	50	65	65	86	88
P2N_Rx0298	611926	6377724	33	33	34	34	33	33	44	44	33	33	47	47	61	66
P2N_Rx0299	611664	6377733	35	36	37	37	35	36	47	47	35	36	51	51	64	69
P2N_Rx0300	611748	6377737	35	35	36	36	35	35	46	46	35	35	49	49	63	68
P2N_Rx0301	611740	6377767	35	35	36	36	35	35	46	46	35	35	49	49	63	68
P2N_Rx0302	610420	6377767	38	38	40	40	38	38	51	51	38	38	54	54	69	73
P2N_Rx0303	611884	6377771	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0304	610121	6377787	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0305	611837	6377792	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0306	611716	6377818	35	35	36	36	35	35	46	46	35	35	50	50	63	68
P2N_Rx0307	611946	6377832	32	32	34	34	32	32	44	44	32	32	47	47	60	65
P2N_Rx0308	611771	6377832	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0309	611711	6377834	35	35	36	36	35	35	46	46	35	35	50	50	63	68
P2N_Rx0310	611416	6377844	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0311	611702	6377855	35	35	36	36	35	35	46	46	35	35	50	50	63	68
P2N_Rx0312	611766	6377855	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0313	611915	6377857	32	32	34	34	32	32	44	44	32	32	47	47	60	65
P2N_Rx0314	611851	6377866	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0315	611695	6377873	35	35	36	36	35	35	46	46	35	35	50	50	63	68
P2N_Rx0316	611770	6377874	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0317	611839	6377880	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0318	611685	6377890	35	35	36	36	35	35	47	47	35	35	50	50	63	68
P2N_Rx0319	611820	6377890	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0320	611752	6377894	34	34	36	36	34	34	46	46	34	34	49	49	62	67

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0321	612451	6377894	24	24	25	25	24	24	31	31	24	24	34	34	51	53
P2N_Rx0322	611251	6377908	40	40	42	42	40	40	53	53	40	40	56	56	71	75
P2N_Rx0323	610790	6377918	47	47	50	50	47	47	60	60	47	47	64	64	83	86
P2N_Rx0324	611748	6377912	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0325	611686	6377912	34	34	36	36	34	34	46	46	34	34	50	50	63	68
P2N_Rx0326	611310	6377917	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0327	611242	6377926	40	40	42	42	40	40	53	53	40	40	56	56	71	75
P2N_Rx0328	611822	6377934	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0329	611303	6377935	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0330	612027	6377941	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0331	611377	6377945	38	38	40	40	38	38	50	50	38	38	54	54	68	72
P2N_Rx0332	611237	6377948	40	40	42	42	40	40	53	53	40	40	56	56	71	75
P2N_Rx0333	611742	6377949	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0334	611805	6377955	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0335	611301	6377955	39	39	41	41	39	39	52	52	39	39	55	55	69	73
P2N_Rx0336	612029	6377963	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0337	611233	6377964	40	40	42	42	40	40	53	53	40	40	56	56	71	75
P2N_Rx0338	611379	6377967	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0339	611727	6377969	34	34	36	36	34	34	46	46	34	34	49	49	62	67
P2N_Rx0340	611462	6377972	37	37	39	39	37	37	49	49	37	37	52	52	66	71
P2N_Rx0341	611805	6377973	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0342	611375	6377981	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0343	612011	6377982	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0344	611300	6377984	39	39	41	41	39	39	52	52	39	39	55	55	69	73
P2N_Rx0345	611225	6377984	40	40	42	42	40	40	53	53	40	40	56	56	71	75
P2N_Rx0346	611513	6377990	36	36	38	38	36	36	48	48	36	36	51	51	65	70
P2N_Rx0347	611285	6377995	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0348	611422	6377996	37	37	39	39	37	37	50	50	37	37	53	53	67	71
P2N_Rx0349	612005	6377998	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0350	611942	6377999	32	32	34	34	32	32	43	43	32	32	46	46	59	64
P2N_Rx0351	611367	6378000	38	38	40	40	38	38	50	50	38	38	54	54	68	72
P2N_Rx0352	611219	6378002	40	40	43	43	40	40	53	53	40	40	56	56	71	75
P2N_Rx0353	611802	6378005	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0354	611566	6378005	35	35	37	37	35	35	48	48	35	35	51	51	64	69
P2N_Rx0355	611504	6378008	36	36	38	38	36	36	48	48	36	36	52	52	65	70
P2N_Rx0356	611274	6378013	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0357	612005	6378016	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0358	611938	6378019	32	32	33	33	32	32	43	43	32	32	46	46	59	64
P2N_Rx0359	611355	6378025	38	38	40	40	38	38	50	50	38	38	54	54	68	72
P2N_Rx0360	611502	6378027	36	36	38	38	36	36	48	48	36	36	51	51	65	70

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0361	611209	6378028	40	40	43	43	40	40	53	53	40	40	56	56	71	75
P2N_Rx0362	611787	6378030	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0363	611561	6378030	35	35	37	37	35	35	48	48	35	35	51	51	64	69
P2N_Rx0364	611270	6378034	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0365	611640	6378036	35	35	36	36	35	35	47	47	35	35	50	50	63	68
P2N_Rx0366	611996	6378036	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0367	611934	6378039	32	32	33	33	32	32	43	43	32	32	46	46	59	64
P2N_Rx0368	611348	6378039	38	38	40	40	38	38	51	51	38	38	54	54	68	72
P2N_Rx0369	611416	6378041	37	37	39	39	37	37	49	49	37	37	53	53	67	71
P2N_Rx0370	611134	6378045	42	42	44	44	42	42	55	55	42	42	58	58	73	77
P2N_Rx0371	611493	6378045	36	36	38	38	36	36	48	48	36	36	52	52	65	70
P2N_Rx0372	611565	6378051	35	35	37	37	35	35	47	47	35	35	51	51	64	69
P2N_Rx0373	610945	6378052	48	48	51	51	48	48	61	61	48	48	65	65	84	87
P2N_Rx0374	611991	6378058	31	31	33	33	31	31	43	43	31	31	46	46	59	64
P2N_Rx0375	611342	6378058	38	38	40	40	38	38	51	51	38	38	54	54	68	72
P2N_Rx0376	611405	6378059	37	37	39	39	37	37	50	50	37	37	53	53	67	71
P2N_Rx0377	611924	6378059	32	32	33	34	32	32	43	43	32	32	46	46	59	64
P2N_Rx0378	611486	6378064	36	36	38	38	36	36	48	48	36	36	52	52	65	70
P2N_Rx0379	611550	6378065	35	35	37	37	35	35	48	48	35	35	51	51	64	69
P2N_Rx0380	610781	6378068	52	52	55	55	52	52	65	65	52	52	68	68	89	92
P2N_Rx0381	611195	6378067	40	40	43	43	40	40	53	53	40	40	56	56	72	75
P2N_Rx0382	611333	6378072	38	38	40	40	38	38	51	51	38	38	54	54	68	72
P2N_Rx0383	611402	6378079	37	37	39	39	37	37	50	50	37	37	53	53	67	71
P2N_Rx0384	611247	6378084	39	39	42	42	39	39	52	52	39	39	55	55	70	74
P2N_Rx0385	611479	6378085	36	36	38	38	36	36	48	48	36	36	52	52	65	70
P2N_Rx0386	611260	6378090	39	39	41	41	39	39	52	52	39	39	55	55	70	74
P2N_Rx0387	611279	6378090	39	39	41	41	39	39	52	52	39	39	55	55	69	73
P2N_Rx0388	611992	6378091	31	31	33	33	31	31	43	43	31	31	46	46	58	64
P2N_Rx0389	611392	6378095	37	37	39	39	37	37	50	50	37	37	53	53	67	71
P2N_Rx0390	611331	6378098	38	38	40	40	38	38	51	51	38	38	54	54	68	72
P2N_Rx0391	611533	6378104	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0392	611478	6378106	36	36	38	38	36	36	48	48	36	36	52	52	65	70
P2N_Rx0393	611616	6378110	34	35	36	36	34	35	47	47	34	35	50	50	63	68
P2N_Rx0394	611137	6378115	41	41	44	44	41	41	54	54	41	41	57	57	73	76
P2N_Rx0395	611465	6378116	36	36	38	38	36	36	49	49	36	36	52	52	66	70
P2N_Rx0396	611323	6378116	38	38	40	40	38	38	51	51	38	38	54	54	68	72
P2N_Rx0397	611176	6378117	41	41	43	43	41	41	53	53	41	41	57	57	72	75
P2N_Rx0398	611526	6378120	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0399	611607	6378129	35	35	36	36	35	35	47	47	35	35	50	50	63	68
P2N_Rx0400	611171	6378132	41	41	43	43	41	41	53	53	41	41	57	57	72	75

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0401	611372	6378135	37	37	39	39	37	37	50	50	37	37	53	53	67	71
P2N_Rx0402	611407	6378137	37	37	39	39	37	37	49	49	37	37	52	52	67	71
P2N_Rx0403	611462	6378139	36	36	38	38	36	36	48	48	36	36	52	52	66	70
P2N_Rx0404	611084	6378143	42	42	45	45	42	42	55	55	42	42	59	59	74	77
P2N_Rx0405	611163	6378146	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0406	611603	6378147	34	35	36	36	34	35	47	47	34	35	50	50	63	68
P2N_Rx0407	611449	6378151	36	36	38	38	36	36	49	49	36	36	52	52	66	70
P2N_Rx0408	611517	6378160	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0409	611597	6378167	35	35	36	36	35	35	47	47	35	35	50	50	63	68
P2N_Rx0410	611510	6378178	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0411	611591	6378186	35	35	36	37	35	35	47	47	35	35	50	50	63	68
P2N_Rx0413	610158	6378187	37	37	39	39	37	37	49	49	37	37	52	52	66	71
P2N_Rx0414	611146	6378192	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0415	611582	6378203	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0416	611638	6378217	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0417	611488	6378229	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0418	611143	6378231	41	41	43	43	41	41	53	53	41	41	57	57	72	75
P2N_Rx0419	611563	6378254	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0420	611477	6378263	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0421	611561	6378271	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0422	611622	6378273	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0423	611469	6378283	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0424	610935	6378282	46	46	48	48	46	46	59	59	46	46	62	62	79	82
P2N_Rx0425	611556	6378292	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0426	611696	6378296	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0427	610204	6378300	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0428	611484	6378307	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0429	611548	6378308	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0430	611695	6378314	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0431	611463	6378324	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0432	611614	6378327	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0433	611541	6378328	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0434	611679	6378333	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0435	611101	6378338	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0436	611445	6378339	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0437	611593	6378343	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0438	611535	6378346	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0439	611670	6378355	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0440	611092	6378358	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0441	611449	6378364	36	36	38	38	36	36	48	48	36	36	51	51	65	69

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0442	611527	6378365	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0443	611594	6378366	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0444	611519	6378381	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0445	611581	6378385	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0446	611438	6378391	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0447	611080	6378393	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0448	611458	6378403	35	35	37	37	35	35	48	48	35	35	51	51	65	69
P2N_Rx0449	611575	6378410	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0450	611515	6378410	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0451	611070	6378417	41	41	43	43	41	41	54	54	41	41	57	57	72	75
P2N_Rx0452	611586	6378444	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0453	611415	6378448	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0454	610952	6378461	44	44	46	46	44	44	56	56	44	44	59	59	75	78
P2N_Rx0455	611409	6378467	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0456	611020	6378478	42	42	44	44	42	42	54	54	42	42	57	57	73	76
P2N_Rx0457	611540	6378479	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0458	611403	6378485	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0459	611395	6378501	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0460	611478	6378507	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0461	611537	6378511	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0462	610869	6378513	46	46	47	47	46	46	58	58	46	46	61	61	77	80
P2N_Rx0463	611385	6378525	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0464	610751	6378523	52	52	53	53	52	52	64	64	52	52	67	67	87	90
P2N_Rx0465	611465	6378531	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0466	611539	6378533	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0467	611383	6378541	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0468	611526	6378546	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0469	611372	6378564	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0470	611006	6378566	42	42	44	44	42	42	54	54	42	42	57	57	72	76
P2N_Rx0471	611076	6378578	40	40	42	42	40	40	52	52	40	40	56	56	71	74
P2N_Rx0472	611369	6378579	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0473	611514	6378584	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0474	611093	6378588	40	40	42	42	40	40	52	52	40	40	55	55	70	74
P2N_Rx0475	611446	6378588	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0476	611109	6378593	40	40	41	41	40	40	52	52	40	40	55	55	70	73
P2N_Rx0477	611361	6378602	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0478	611151	6378602	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0479	611507	6378603	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0480	611358	6378615	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0481	611213	6378619	38	38	40	40	38	38	50	50	38	38	53	53	68	71

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0482	611437	6378620	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0483	611148	6378621	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0484	611140	6378634	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0485	611205	6378637	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0486	611274	6378638	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0487	611138	6378651	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0488	611198	6378656	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0489	611335	6378664	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0490	611284	6378665	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0491	611136	6378667	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0492	611351	6378669	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0493	611366	6378676	36	36	37	37	36	36	48	48	36	36	51	51	65	69
P2N_Rx0494	611194	6378677	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0495	611127	6378679	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0496	611275	6378686	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0497	611180	6378695	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0498	611121	6378696	39	39	41	41	39	39	51	51	39	39	54	54	69	73
P2N_Rx0499	611268	6378699	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0500	611417	6378699	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0501	611331	6378706	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0502	611179	6378715	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0503	611316	6378715	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0504	611119	6378718	39	39	41	41	39	39	51	51	39	39	54	54	69	72
P2N_Rx0505	611466	6378723	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0506	611404	6378728	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0507	611172	6378732	38	38	40	40	38	38	50	50	38	38	53	53	68	72
P2N_Rx0508	611312	6378738	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0509	611401	6378746	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0510	611176	6378749	38	38	40	40	38	38	50	50	38	38	53	53	68	71
P2N_Rx0511	611311	6378762	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0512	611245	6378764	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0513	611388	6378765	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0514	611301	6378778	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0515	611245	6378779	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0516	611378	6378781	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0517	610469	6378788	49	49	50	50	49	49	61	61	49	49	64	64	83	85
P2N_Rx0518	611295	6378796	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0519	611232	6378798	37	37	39	39	37	37	49	49	37	37	52	52	66	70
P2N_Rx0520	611374	6378804	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0521	610268	6378813	43	43	44	44	43	43	55	55	43	43	58	58	74	77

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0522	611286	6378814	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0523	611372	6378823	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0524	610917	6378827	42	42	43	44	42	42	54	54	42	42	57	57	73	76
P2N_Rx0525	611281	6378839	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0526	611360	6378843	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0527	610429	6378859	47	48	49	49	47	48	59	59	47	48	62	62	81	83
P2N_Rx0528	611357	6378862	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0529	610916	6378869	42	42	43	43	42	42	54	54	42	42	57	57	72	75
P2N_Rx0530	610832	6378880	44	44	45	45	44	44	56	56	44	44	59	59	75	77
P2N_Rx0531	609810	6378889	36	36	37	37	36	36	48	48	36	36	51	51	65	69
P2N_Rx0532	611264	6378891	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0533	611300	6378899	36	36	37	37	36	36	47	47	36	36	51	51	65	69
P2N_Rx0534	611275	6378908	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0535	611332	6378908	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0536	611389	6378926	35	35	36	36	35	35	46	46	35	35	49	49	63	68
P2N_Rx0537	611405	6378932	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0538	611328	6378932	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0539	611422	6378937	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_Rx0540	611469	6378953	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0541	611315	6378959	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0542	611382	6378964	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0543	611464	6378972	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0544	611309	6378977	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0545	611376	6378984	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0547	611301	6378990	36	36	37	37	36	36	47	47	36	36	50	50	64	68
P2N_Rx0548	611373	6379004	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0549	611306	6379009	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0550	611227	6379011	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0551	611366	6379020	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0552	611297	6379020	35	36	37	37	35	36	47	47	35	36	50	50	64	68
P2N_Rx0553	611219	6379024	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0554	611445	6379025	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0555	611132	6379028	38	38	39	39	38	38	49	49	38	38	52	52	67	71
P2N_Rx0556	611295	6379039	35	35	37	37	35	35	47	47	35	35	50	50	64	68
P2N_Rx0557	611218	6379045	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0558	611285	6379050	36	36	37	37	36	36	47	47	36	36	50	50	64	68
P2N_Rx0559	610839	6379051	42	42	44	44	42	42	54	54	42	42	57	57	73	76
P2N_Rx0560	611210	6379056	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx0561	611352	6379064	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0562	611428	6379065	34	34	35	35	34	34	45	45	34	34	48	48	62	66

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0563	611278	6379067	36	36	37	37	36	36	47	47	36	36	50	50	64	68
P2N_Rx0565	611342	6379078	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0566	611275	6379078	36	36	37	37	36	36	47	47	36	36	50	50	64	68
P2N_Rx0567	611425	6379085	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0568	611420	6379102	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0569	611336	6379102	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0570	611402	6379124	34	34	35	35	34	34	45	45	34	34	49	49	62	67
P2N_Rx0571	611135	6379152	37	37	38	38	37	37	49	49	37	37	52	52	66	70
P2N_Rx0572	611315	6379154	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0573	611388	6379191	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0574	609900	6379196	39	39	40	40	39	39	50	50	39	39	53	53	69	72
P2N_Rx0575	611457	6379210	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0576	611379	6379227	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0577	611371	6379244	34	34	35	35	34	34	45	45	34	34	49	49	62	66
P2N_Rx0578	611430	6379247	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0579	611424	6379267	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0580	611364	6379269	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0581	611359	6379284	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0582	611419	6379287	33	33	35	35	33	33	45	45	33	33	48	48	61	66
P2N_Rx0583	611412	6379306	33	34	35	35	33	34	45	45	33	34	48	48	62	66
P2N_Rx0584	611404	6379325	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0585	611338	6379345	34	34	35	35	34	34	45	45	34	34	49	49	62	66
P2N_Rx0586	611397	6379347	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0587	611393	6379367	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0588	611256	6379493	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0589	611260	6379516	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0590	611290	6379624	34	34	35	35	34	34	45	45	34	34	48	48	62	66
P2N_Rx0591	611181	6379679	35	35	36	36	35	35	46	46	35	35	49	49	63	67
P2N_Rx0592	611352	6379774	33	33	34	34	33	33	44	44	33	33	47	47	60	65
P2N_Rx0593	611154	6380093	35	35	36	36	35	35	46	46	35	35	49	49	62	67
P2N_Rx0594	611420	6380344	32	32	33	33	32	32	43	43	32	32	46	46	60	63
P2N_Rx0595	611095	6380384	36	36	37	37	36	36	46	46	36	36	50	50	64	67
P2N_Rx0596	610684	6380403	41	41	42	42	41	41	52	52	41	41	55	55	71	74
P2N_Rx0597	611354	6380466	33	33	34	34	33	33	44	44	33	33	47	47	61	64
P2N_Rx0598	611303	6380651	34	34	35	35	34	34	44	44	34	34	48	48	63	66
P2N_Rx0599	611317	6381201	34	34	35	35	34	34	45	45	34	34	48	48	63	66
P2N_Rx0600	610229	6381700	49	49	50	50	49	49	61	61	49	49	64	64	83	86
P2N_Rx0601	612161	6382027	26	26	27	27	26	26	34	34	26	26	37	37	52	56
P2N_Rx0602	611916	6383936	25	25	26	26	25	25	31	31	25	25	34	34	53	56
P2N_Rx0603	611841	6383951	26	26	27	27	26	26	33	33	26	26	36	36	53	56

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0604	611920	6383983	25	25	26	26	25	25	30	30	25	25	33	33	52	55
P2N_Rx0605	608148	6384102	27	27	28	28	27	27	36	36	27	27	39	39	53	58
P2N_Rx0606	608078	6384221	27	27	28	28	27	27	35	35	27	27	38	38	53	57
P2N_Rx0607	609224	6394853	37	37	37	37	37	37	48	48	37	37	51	51	66	69
P2N_Rx0608	607948	6395686	47	47	48	48	47	47	58	58	47	47	62	62	79	81
P2N_Rx0609	609391	6396970	27	27	28	28	27	27	37	37	27	27	40	40	54	58
P2N_Rx0610	608802	6398274	28	28	29	29	28	28	38	38	28	28	41	41	54	59
P2N_Rx0611	606625	6399306	45	45	46	46	45	45	57	57	45	45	60	60	77	80
P2N_Rx0612	605497	6400546	31	31	32	32	31	31	42	42	31	31	45	45	59	62
P2N_Rx0613	606477	6401469	46	46	47	47	46	46	57	57	46	46	61	61	77	80
P2N_Rx0614	606248	6403536	43	43	44	44	43	43	55	55	43	43	58	58	74	77
P2N_Rx0615	607612	6407654	30	30	31	31	30	30	41	41	30	30	44	44	58	61
P2N_Rx0616	605265	6407730	33	33	34	34	33	33	44	44	33	33	47	47	61	65
P2N_Rx0617	607990	6408230	28	28	28	28	28	28	37	37	28	28	40	40	54	58
P2N_Rx0618	606075	6408465	44	44	44	44	44	44	55	55	44	44	58	58	74	77
P2N_Rx0619	606119	6408472	45	45	45	45	45	45	56	56	45	45	59	59	75	78
P2N_Rx0620	607956	6411559	33	33	35	35	33	33	45	45	33	33	48	48	62	66
P2N_Rx0621	608093	6414394	43	43	44	44	43	43	55	55	43	43	58	58	73	76
P2N_Rx0622	607120	6416701	27	27	28	28	27	27	37	37	27	27	40	40	54	58
P2N_Rx0623	607114	6416722	27	27	28	28	27	27	37	37	27	27	40	40	54	58
P2N_Rx0624	609127	6418194	40	40	41	41	40	40	51	51	40	40	54	54	69	73
P2N_Rx0625	608984	6419519	33	33	34	34	33	33	45	45	33	33	48	48	61	66
P2N_Rx0626	609555	6421155	36	36	37	37	36	36	48	48	36	36	51	51	66	69
P2N_Rx0627	613222	6424460	31	31	33	33	31	31	42	42	31	31	46	46	59	63
P2N_Rx0628	612765	6424474	36	36	37	37	36	36	47	47	36	36	50	50	65	68
P2N_Rx0629	612489	6424536	40	40	41	41	40	40	51	51	40	40	54	54	70	73
P2N_Rx0630	612699	6426394	48	48	49	49	48	48	59	59	48	48	62	62	80	82
P2N_Rx0631	612616	6426442	44	44	45	45	44	44	56	56	44	44	59	59	74	77
P2N_Rx0632	614230	6426739	32	32	34	34	32	32	43	43	32	32	46	46	60	64
P2N_Rx0633	615011	6427195	28	28	29	29	28	28	38	38	28	28	41	41	55	59
P2N_Rx0634	611844	6427566	29	29	30	30	29	29	39	39	29	29	42	42	56	60
P2N_Rx0635	612439	6429031	28	28	30	30	28	28	39	39	28	28	42	42	54	60
P2N_Rx0636	612182	6429067	26	26	28	28	26	26	35	35	26	26	38	38	52	57
P2N_Rx0637	616181	6429620	27	27	28	28	27	27	36	36	27	27	39	39	51	57
P2N_Rx0638	616364	6429773	26	26	27	27	26	26	34	34	26	26	37	37	51	56
P2N_Rx0639	612663	6429809	28	28	29	29	28	28	38	38	28	28	41	41	53	59
P2N_Rx0640	612590	6429812	27	27	29	29	27	27	37	37	27	27	40	40	52	58
P2N_Rx0641	614976	6430104	39	39	40	40	39	39	50	50	39	39	53	53	65	72
P2N_Rx0642	616425	6430318	27	27	28	28	27	27	37	37	27	27	40	40	53	58
P2N_Rx0643	613775	6430502	36	36	37	37	36	36	46	46	36	36	49	49	62	68

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0644	614475	6430567	48	48	49	49	48	48	59	59	48	48	62	62	78	83
P2N_Rx0645	615236	6430888	42	42	43	43	42	42	54	54	42	42	57	57	72	76
P2N_Rx0646	616780	6430895	27	27	28	28	27	27	37	37	27	27	40	40	54	59
P2N_Rx0647	617170	6430920	24	24	25	25	24	24	32	32	24	24	35	35	52	56
P2N_Rx0648	615318	6430927	41	41	42	42	41	41	53	53	41	41	56	56	71	75
P2N_Rx0649	617161	6430962	25	25	25	25	25	25	33	33	25	25	36	36	52	56
P2N_Rx0650	616795	6430966	27	27	28	28	27	27	37	37	27	27	40	40	54	59
P2N_Rx0651	615161	6431074	47	47	48	48	47	47	59	59	47	47	62	62	80	83
P2N_Rx0652	616859	6431133	27	27	28	28	27	27	37	37	27	27	40	40	55	59
P2N_Rx0653	616806	6431344	28	28	29	29	28	28	38	38	28	28	41	41	57	60
P2N_Rx0654	616292	6431595	35	35	35	35	35	35	45	45	35	35	48	48	63	67
P2N_Rx0655	615882	6431642	41	41	41	41	41	41	51	51	41	41	54	54	70	74
P2N_Rx0656	616320	6431705	35	35	35	35	35	35	45	45	35	35	48	48	64	68
P2N_Rx0657	616603	6431719	32	32	32	32	32	32	42	42	32	32	45	45	61	65
P2N_Rx0658	616534	6431767	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0659	616606	6431774	32	32	32	32	32	32	42	42	32	32	45	45	61	65
P2N_Rx0660	616535	6431791	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0661	616510	6431794	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0662	616492	6431795	33	33	34	34	33	33	43	43	33	33	46	46	63	66
P2N_Rx0663	616472	6431797	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0664	616451	6431798	34	34	34	34	34	34	44	44	34	34	47	47	63	67
P2N_Rx0665	616435	6431799	34	34	34	34	34	34	44	44	34	34	47	47	63	67
P2N_Rx0666	614994	6431802	41	41	42	42	41	41	52	52	41	41	55	55	70	74
P2N_Rx0667	616418	6431808	34	34	34	34	34	34	44	44	34	34	48	48	64	67
P2N_Rx0668	616382	6431810	35	35	35	35	35	35	45	45	35	35	48	48	64	68
P2N_Rx0669	616398	6431811	34	34	35	35	34	34	45	45	34	34	48	48	64	68
P2N_Rx0670	616367	6431811	35	35	35	35	35	35	45	45	35	35	48	48	64	68
P2N_Rx0671	616617	6431818	32	32	32	32	32	32	42	42	32	32	45	45	61	65
P2N_Rx0672	616347	6431820	35	35	35	35	35	35	45	45	35	35	49	49	65	68
P2N_Rx0673	616328	6431822	35	35	36	36	35	35	46	46	35	35	49	49	65	69
P2N_Rx0674	616308	6431826	36	36	36	36	36	36	46	46	36	36	49	49	65	69
P2N_Rx0675	616548	6431833	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0676	615002	6431838	40	40	41	41	40	40	52	52	40	40	55	55	69	74
P2N_Rx0677	616526	6431838	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0678	616504	6431843	33	33	34	34	33	33	43	43	33	33	47	47	63	67
P2N_Rx0679	616489	6431845	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0680	616669	6431845	31	31	32	32	31	31	41	41	31	31	44	44	61	65
P2N_Rx0681	616442	6431853	34	34	34	34	34	34	44	44	34	34	47	47	64	67
P2N_Rx0682	616424	6431857	34	34	35	35	34	34	45	45	34	34	48	48	64	68
P2N_Rx0683	616398	6431858	35	35	35	35	35	35	45	45	35	35	48	48	64	68

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0684	616546	6431860	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0685	616378	6431864	35	35	35	35	35	35	45	45	35	35	48	48	65	68
P2N_Rx0686	616622	6431865	32	32	32	32	32	32	42	42	32	32	45	45	61	65
P2N_Rx0687	616335	6431872	36	36	36	36	36	36	46	46	36	36	49	49	65	69
P2N_Rx0688	616316	6431872	36	36	36	36	36	36	46	46	36	36	49	49	65	69
P2N_Rx0689	616494	6431874	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0690	616548	6431878	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0691	615855	6431878	44	44	44	44	44	44	55	55	44	44	58	58	74	77
P2N_Rx0692	616669	6431881	31	31	32	32	31	31	41	41	31	31	45	45	61	65
P2N_Rx0693	616439	6431881	34	34	34	34	34	34	44	44	34	34	48	48	64	68
P2N_Rx0694	616385	6431886	35	35	35	35	35	35	45	45	35	35	48	48	65	68
P2N_Rx0695	616498	6431891	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0696	616338	6431897	36	36	36	36	36	36	46	46	36	36	49	49	65	69
P2N_Rx0697	616553	6431899	33	33	33	33	33	33	43	43	33	33	46	46	62	66
P2N_Rx0698	616442	6431903	34	34	35	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0699	616389	6431906	35	35	35	35	35	35	45	45	35	35	48	48	65	68
P2N_Rx0700	616500	6431907	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0701	616553	6431914	33	33	33	33	33	33	43	43	33	33	46	46	63	66
P2N_Rx0702	615518	6431910	55	55	55	55	55	55	66	66	55	55	69	69	91	93
P2N_Rx0703	616336	6431917	36	36	36	36	36	36	46	46	36	36	49	49	66	69
P2N_Rx0704	616389	6431920	35	35	35	35	35	35	45	45	35	35	48	48	65	68
P2N_Rx0705	616447	6431921	34	34	35	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0706	616506	6431923	33	33	34	34	33	33	44	44	33	33	47	47	63	67
P2N_Rx0707	616339	6431934	36	36	36	36	36	36	46	46	36	36	49	49	66	69
P2N_Rx0708	616396	6431935	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0709	616557	6431937	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0710	616453	6431941	34	34	34	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0711	616504	6431942	34	34	34	34	34	34	44	44	34	34	47	47	63	67
P2N_Rx0712	616560	6431950	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0713	616400	6431952	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0714	616449	6431955	34	34	35	35	34	34	45	45	34	34	48	48	64	68
P2N_Rx0715	616401	6431968	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0716	616562	6431970	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0717	616509	6431977	34	34	34	34	34	34	44	44	34	34	47	47	64	67
P2N_Rx0718	616462	6431977	34	34	34	35	34	34	44	44	34	34	47	47	64	68
P2N_Rx0719	616570	6431987	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0720	616401	6431987	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0721	616459	6431992	34	34	35	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0722	615104	6431994	40	40	41	41	40	40	51	51	40	40	54	54	69	73
P2N_Rx0723	616743	6431996	31	31	31	31	31	31	41	41	31	31	44	44	61	65

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0724	616403	6432000	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0725	616353	6432001	36	36	36	36	36	36	46	46	36	36	49	49	66	70
P2N_Rx0726	616567	6432005	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0727	616466	6432009	34	34	35	35	34	34	44	44	34	34	47	47	64	68
P2N_Rx0728	616519	6432013	34	34	34	34	34	34	44	44	34	34	47	47	64	67
P2N_Rx0729	616407	6432018	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0730	616355	6432019	36	36	36	36	36	36	46	46	36	36	49	49	66	70
P2N_Rx0731	616466	6432024	34	34	35	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0732	616576	6432024	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0733	616523	6432034	33	34	34	34	33	34	44	44	33	34	47	47	64	68
P2N_Rx0734	616359	6432034	36	36	36	36	36	36	46	46	36	36	49	49	66	70
P2N_Rx0735	616412	6432034	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0736	616472	6432043	34	34	35	35	34	34	44	44	34	34	48	48	64	68
P2N_Rx0737	616561	6432046	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0738	616581	6432050	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0739	616408	6432052	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0740	616363	6432052	36	36	36	36	36	36	46	46	36	36	49	49	66	70
P2N_Rx0741	616541	6432054	33	33	34	34	33	33	43	43	33	33	47	47	64	67
P2N_Rx0742	616518	6432058	34	34	34	34	34	34	44	44	34	34	47	47	64	68
P2N_Rx0743	616469	6432063	34	34	35	35	34	34	45	45	34	34	48	48	65	68
P2N_Rx0744	616452	6432070	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0745	616438	6432074	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0746	616417	6432078	35	35	35	35	35	35	45	45	35	35	48	48	65	69
P2N_Rx0747	615523	6432090	47	47	47	47	47	47	58	58	47	47	61	61	80	82
P2N_Rx0748	616583	6432106	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0749	616674	6432109	32	32	32	32	32	32	42	42	32	32	45	45	62	66
P2N_Rx0750	616751	6432112	31	31	31	31	31	31	41	41	31	31	44	44	61	66
P2N_Rx0751	616537	6432118	33	33	34	34	33	33	44	44	33	33	47	47	64	68
P2N_Rx0752	615657	6432115	55	55	55	55	55	55	66	66	55	55	69	69	91	93
P2N_Rx0753	616469	6432120	34	34	35	35	34	34	45	45	34	34	48	48	65	69
P2N_Rx0754	616516	6432124	34	34	34	34	34	34	44	44	34	34	47	47	64	68
P2N_Rx0755	616586	6432140	33	33	33	33	33	33	43	43	33	33	46	46	63	67
P2N_Rx0756	616469	6432144	34	34	35	35	34	34	45	45	34	34	48	48	65	69
P2N_Rx0757	616765	6432151	31	31	31	31	31	31	41	41	31	31	44	44	61	66
P2N_Rx0758	616521	6432156	34	34	34	34	34	34	44	44	34	34	47	47	64	68
P2N_Rx0759	616677	6432170	32	32	32	32	32	32	42	42	32	32	45	45	62	67
P2N_Rx0760	615193	6432189	39	39	40	40	39	39	50	50	39	39	53	53	68	72
P2N_Rx0762	615611	6432191	48	48	48	48	48	48	58	58	48	48	61	61	81	84
P2N_Rx0763	616770	6432197	31	31	31	31	31	31	40	40	31	31	44	44	61	66
P2N_Rx0764	616477	6432209	34	34	35	35	34	34	45	45	34	34	48	48	65	69

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmix No Build	LAmix Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx0765	616487	6432222	34	34	35	35	34	34	44	44	34	34	47	47	65	69
P2N_Rx0766	615405	6432232	42	42	43	43	42	42	53	53	42	42	56	56	72	75
P2N_Rx0767	616779	6432233	30	30	31	31	30	30	40	40	30	30	43	43	61	66
P2N_Rx0768	616490	6432246	34	34	35	35	34	34	44	44	34	34	47	47	65	69
P2N_Rx0769	616784	6432261	30	30	31	31	30	30	40	40	30	30	43	43	62	67
P2N_Rx0771	616494	6432270	34	34	34	35	34	34	44	44	34	34	47	47	65	70
P2N_Rx0772	616494	6432289	34	34	34	35	34	34	44	44	34	34	47	47	66	70
P2N_Rx0773	616624	6432295	32	32	33	33	32	32	42	42	32	32	45	45	64	68
P2N_Rx0774	616504	6432314	34	34	34	34	34	34	44	44	34	34	47	47	66	70
P2N_Rx0775	616779	6432315	30	30	31	31	30	30	40	40	30	30	43	43	62	67
P2N_Rx0776	616624	6432316	32	32	33	33	32	32	42	42	32	32	45	45	64	69
P2N_Rx0777	616605	6432321	33	33	33	33	33	33	43	43	33	33	46	46	64	69
P2N_Rx0778	616584	6432324	33	33	33	33	33	33	43	43	33	33	46	46	64	69
P2N_Rx0779	616567	6432328	33	33	33	33	33	33	43	43	33	33	46	46	65	69
P2N_Rx0780	616544	6432329	33	33	34	34	33	33	43	43	33	33	47	47	65	69
P2N_Rx0781	616699	6432335	31	31	32	32	31	31	41	41	31	31	44	44	63	68
P2N_Rx0782	616506	6432335	34	34	34	34	34	34	44	44	34	34	47	47	66	70
P2N_Rx0783	616483	6432336	34	34	35	35	34	34	44	44	34	34	48	48	66	70
P2N_Rx0784	616464	6432343	35	35	35	35	35	35	45	45	35	35	48	48	66	71
P2N_Rx0785	616438	6432345	35	35	35	35	35	35	45	45	35	35	48	48	67	71
P2N_Rx0786	616792	6432354	30	30	30	31	30	30	40	40	30	30	43	43	63	67
P2N_Rx0788	616704	6432373	31	31	32	32	31	31	41	41	31	31	44	44	64	68
P2N_Rx0789	615604	6432378	45	45	45	45	45	45	55	55	45	45	58	58	75	79
P2N_Rx0792	615116	6432391	36	36	37	37	36	36	47	47	36	36	50	50	65	70
P2N_Rx0794	616568	6432394	33	33	33	33	33	33	43	43	33	33	46	46	65	70
P2N_Rx0795	616506	6432403	34	34	34	34	34	34	44	44	34	34	47	47	66	71
P2N_Rx0800	616567	6432416	33	33	33	33	33	33	43	43	33	33	46	46	65	70
P2N_Rx0801	616450	6432419	35	35	35	35	35	35	45	45	35	35	48	48	67	71
P2N_Rx0802	616427	6432420	35	35	35	35	35	35	45	45	35	35	48	48	67	72
P2N_Rx0803	616499	6432421	34	34	34	34	34	34	44	44	34	34	47	47	66	71
P2N_Rx0804	615795	6432424	54	54	55	55	54	54	65	65	54	54	68	68	89	92
P2N_Rx0812	616437	6432453	35	35	35	35	35	35	45	45	35	35	48	48	67	72
P2N_Rx0824	615458	6432495	40	40	40	40	40	40	50	50	40	40	53	53	71	74
P2N_Rx0842	614626	6432578	31	31	31	31	31	31	41	41	31	31	44	44	58	63
P2N_Rx0860	613987	6432641	26	26	27	27	26	26	36	36	26	26	39	39	52	57
P2N_Rx0888	614524	6432759	29	29	29	29	29	29	39	39	29	29	42	42	57	61
P2N_Rx0899	614210	6432810	26	26	27	27	26	26	36	36	26	26	39	39	54	58
P2N_Rx0920	614328	6432946	26	26	27	27	26	26	36	36	26	26	39	39	54	59
P2N_Rx0929	613930	6433001	24	24	25	25	24	24	30	30	24	24	33	33	51	53
P2N_Rx1301	602007	6332895	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table C.7 Updated operational noise impact assessment results (with warning bells)

Receiver ID	Receiver Location		LAeq- No Build 2019		LAeq- Build 2019		LAeq- No Build 2025		LAeq- Build 2025		LAeq- No Build 2040		LAeq- Build 2040		LAmax No Build	LAmax Design
	Easting	Northing	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
P2N_Rx1302	601053	6333120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1303	600081	6332659	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1304	602135	6331333	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1305	603288	6333817	25	25	26	26	25	25	34	34	25	25	37	37	52	56
P2N_Rx1306	616579	6429153	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1307	617860	6429135	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1308	617307	6429464	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1309	606476	6401590	46	46	47	47	46	46	58	58	46	46	61	61	78	80
P2N_Rx1310	617054	6428745	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2N_Rx1317	611233	6378984	36	36	38	38	36	36	48	48	36	36	51	51	65	69
P2N_Rx1322	616474	6432189	34	34	35	35	34	34	45	45	34	34	48	48	65	69
P2N_Rx1323	616688	6432261	32	32	32	32	32	32	42	42	32	32	45	45	63	67
P2N_Rx1324	616628	6432390	32	32	32	32	32	32	42	42	32	32	45	45	64	69
P2N_WORx0001	611631	6378275	34	34	36	36	34	34	46	46	34	34	49	49	63	67
P2N_WORx0002	611854	6378051	32	32	34	34	32	32	44	44	32	32	47	47	60	65