



APPENDIX 11-3

CONSTRUCTION PHASE NOISE IMPACTS



Rialtas na hÉireann
Government of Ireland



Arna chomhchistiú ag
an Aontas Eorpach
Co-funded by the
European Union



Tionól Reigiúnach
Oirthir agus Lár-Tíre
Eastern and Midland
Regional Assembly



Fáilte
Ireland



Comhairle Contae
Ros Comáin
Roscommon
County Council



The Hodson Bay Waterfront Park Project is co-funded by the Government of Ireland and the European Union through the EU Just Transition Fund

Table A11-3-2 Construction noise impacts ($L_{Aeq\ 1h}$ levels as dB) – Construction scenarios 1 & 2.

Receptor	Baseline	Scenario 1		Scenario 2	
		Predicted	Impact	Predicted	Impact
R001	52	31	Imperceptible	32	Imperceptible
R002	52	32	Imperceptible	33	Imperceptible
R003	52	32	Imperceptible	33	Imperceptible
R004	52	35	Imperceptible	35	Imperceptible
R005	52	31	Imperceptible	32	Imperceptible
R006	52	35	Imperceptible	36	Imperceptible
R007	52	31	Imperceptible	32	Imperceptible
R008	52	24	Imperceptible	27	Imperceptible
R009	52	31	Imperceptible	32	Imperceptible
R010	52	20	Imperceptible	24	Imperceptible
R011	52	31	Imperceptible	32	Imperceptible
R012	52	33	Imperceptible	33	Imperceptible
R013	52	31	Imperceptible	32	Imperceptible
R014	52	<20	Imperceptible	21	Imperceptible
R015	52	32	Imperceptible	33	Imperceptible
R016	52	31	Imperceptible	32	Imperceptible
R017	52	23	Imperceptible	26	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	20	Imperceptible	24	Imperceptible
R020	52	34	Imperceptible	35	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	21	Imperceptible
R023	52	32	Imperceptible	33	Imperceptible
R024	52	32	Imperceptible	33	Imperceptible
R025	49	33	Imperceptible	34	Imperceptible
R026	52	35	Imperceptible	35	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	34	Imperceptible	35	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	34	Imperceptible	34	Imperceptible
R031	52	31	Imperceptible	32	Imperceptible
R032	52	32	Imperceptible	33	Imperceptible
R033	52	35	Imperceptible	36	Imperceptible
R034	52	32	Imperceptible	33	Imperceptible
R035	49	34	Imperceptible	35	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	34	Imperceptible	35	Imperceptible
R038	49	36	Imperceptible	37	Imperceptible
R039	49	35	Imperceptible	36	Imperceptible
R040	49	34	Imperceptible	35	Imperceptible
R041	52	35	Imperceptible	36	Imperceptible
R042	49	35	Imperceptible	36	Imperceptible
R043	49	34	Imperceptible	35	Imperceptible
R044	52	35	Imperceptible	36	Imperceptible
R045	49	36	Imperceptible	37	Imperceptible
R046	52	33	Imperceptible	34	Imperceptible
R047	49	37	Imperceptible	37	Imperceptible
R048	52	31	Imperceptible	32	Imperceptible
R049	49	35	Imperceptible	36	Imperceptible
R050	49	35	Imperceptible	36	Imperceptible
R051	52	27	Imperceptible	30	Imperceptible
R052	52	20	Imperceptible	24	Imperceptible
R053	49	38	Imperceptible	38	Imperceptible
R054	52	33	Imperceptible	33	Imperceptible
R055	52	36	Imperceptible	36	Imperceptible
R056	52	<20	Imperceptible	23	Imperceptible
R057	49	37	Imperceptible	38	Imperceptible
R058	49	37	Imperceptible	38	Imperceptible

Receptor	Baseline	Scenario 1		Scenario 2	
		Predicted	Impact	Predicted	Impact
R059	52	25	Imperceptible	28	Imperceptible
R060	49	38	Imperceptible	38	Imperceptible
R061	49	37	Imperceptible	38	Imperceptible
R062	49	40	Imperceptible	41	Imperceptible
R063	49	38	Imperceptible	38	Imperceptible
R064	52	27	Imperceptible	30	Imperceptible
R065	52	38	Imperceptible	38	Imperceptible
R066	52	36	Imperceptible	37	Imperceptible
R067	52	30	Imperceptible	32	Imperceptible
R068	52	34	Imperceptible	35	Imperceptible
R069	52	35	Imperceptible	36	Imperceptible
R070	52	27	Imperceptible	29	Imperceptible
R071	49	38	Imperceptible	39	Imperceptible
R072	52	35	Imperceptible	36	Imperceptible
R073	49	35	Imperceptible	37	Imperceptible
R074	49	38	Imperceptible	39	Imperceptible
R075	52	25	Imperceptible	28	Imperceptible
R076	52	26	Imperceptible	29	Imperceptible
R077	49	37	Imperceptible	38	Imperceptible
R078	49	39	Imperceptible	39	Imperceptible
R079	52	36	Imperceptible	37	Imperceptible
R080	52	<20	Imperceptible	23	Imperceptible
R081	49	41	Imperceptible	41	Imperceptible
R082	52	37	Imperceptible	37	Imperceptible
R083	49	43	Imperceptible	43	Imperceptible
R084	52	37	Imperceptible	38	Imperceptible
R085	49	40	Imperceptible	40	Imperceptible
R086	49	40	Imperceptible	40	Imperceptible
R087	52	37	Imperceptible	38	Imperceptible
R088	49	40	Imperceptible	40	Imperceptible
R089	49	42	Imperceptible	42	Imperceptible
R090	49	33	Imperceptible	35	Imperceptible
R091	52	38	Imperceptible	39	Imperceptible
R092	52	38	Imperceptible	38	Imperceptible
R093	49	44	Imperceptible	44	Imperceptible
R094	49	40	Imperceptible	41	Imperceptible
R095	52	39	Imperceptible	39	Imperceptible
R096	49	41	Imperceptible	41	Imperceptible
R097	52	32	Imperceptible	35	Imperceptible
R098	49	43	Imperceptible	43	Imperceptible
R099	49	42	Imperceptible	43	Imperceptible
R100	52	39	Imperceptible	40	Imperceptible
R101	52	39	Imperceptible	39	Imperceptible
R102	49	41	Imperceptible	41	Imperceptible
R103	49	42	Imperceptible	43	Imperceptible
R104	49	41	Imperceptible	41	Imperceptible
R105	49	43	Imperceptible	43	Imperceptible
R106	52	41	Imperceptible	41	Imperceptible
R107	52	43	Imperceptible	43	Imperceptible
R108	49	43	Imperceptible	43	Imperceptible
R109	55	38	Imperceptible	40	Imperceptible
R110	52	41	Imperceptible	42	Imperceptible
R111	52	41	Imperceptible	41	Imperceptible
R112	55	43	Imperceptible	43	Imperceptible
R113	52	42	Imperceptible	42	Imperceptible
R114	52	41	Imperceptible	41	Imperceptible
R115	50	55	Not significant	55	Not significant
R116	50	54	Not significant	54	Not significant
R117	50	54	Not significant	53	Not significant
R118	50	50	Not significant	50	Not significant
R119	50	52	Not significant	52	Not significant

Receptor	Baseline	Scenario 1		Scenario 2	
		Predicted	Impact	Predicted	Impact
R120	50	49	Imperceptible	49	Imperceptible
R121-NE 2 m	53	60	Slight adverse	59	Not significant
R121-NE 5 m	53	60	Slight adverse	60	Slight adverse
R121-NE 8 m	53	60	Slight adverse	60	Slight adverse
R121-SE 2 m	53	55	Not significant	55	Not significant
R121-SE 5 m	53	55	Not significant	56	Not significant
R121-SE 8 m	53	58	Not significant	58	Not significant
R122	53	43	Imperceptible	44	Imperceptible

Table A11-3-2 Construction noise impacts (L_{Aeq} 1 h levels as dB) – Construction scenarios 3 & 4.

Receptor	Baseline	Scenario 3		Scenario 4	
		Predicted	Impact	Predicted	Impact
R001	52	24	Imperceptible	<20	Imperceptible
R002	52	27	Imperceptible	<20	Imperceptible
R003	52	28	Imperceptible	<20	Imperceptible
R004	52	30	Imperceptible	21	Imperceptible
R005	52	28	Imperceptible	<20	Imperceptible
R006	52	30	Imperceptible	22	Imperceptible
R007	52	23	Imperceptible	19	Imperceptible
R008	52	25	Imperceptible	<20	Imperceptible
R009	52	28	Imperceptible	19	Imperceptible
R010	52	21	Imperceptible	<20	Imperceptible
R011	52	28	Imperceptible	<20	Imperceptible
R012	52	28	Imperceptible	20	Imperceptible
R013	52	28	Imperceptible	<20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	28	Imperceptible	20	Imperceptible
R016	52	28	Imperceptible	<20	Imperceptible
R017	52	23	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	21	Imperceptible	<20	Imperceptible
R020	52	29	Imperceptible	22	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	28	Imperceptible	20	Imperceptible
R024	52	28	Imperceptible	20	Imperceptible
R025	49	28	Imperceptible	21	Imperceptible
R026	52	29	Imperceptible	22	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	28	Imperceptible	21	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	30	Imperceptible	23	Imperceptible
R031	52	30	Imperceptible	<20	Imperceptible
R032	52	27	Imperceptible	20	Imperceptible
R033	52	30	Imperceptible	22	Imperceptible
R034	52	30	Imperceptible	20	Imperceptible
R035	49	27	Imperceptible	21	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	32	Imperceptible	21	Imperceptible
R038	49	33	Imperceptible	23	Imperceptible
R039	49	30	Imperceptible	22	Imperceptible
R040	49	32	Imperceptible	22	Imperceptible
R041	52	31	Imperceptible	22	Imperceptible
R042	49	32	Imperceptible	23	Imperceptible
R043	49	29	Imperceptible	22	Imperceptible
R044	52	31	Imperceptible	23	Imperceptible
R045	49	30	Imperceptible	23	Imperceptible
R046	52	29	Imperceptible	21	Imperceptible
R047	49	33	Imperceptible	24	Imperceptible

Receptor	Baseline	Scenario 3		Scenario 4	
		Predicted	Impact	Predicted	Impact
R048	52	28	Imperceptible	<20	Imperceptible
R049	49	29	Imperceptible	22	Imperceptible
R050	49	33	Imperceptible	23	Imperceptible
R051	52	26	Imperceptible	<20	Imperceptible
R052	52	22	Imperceptible	<20	Imperceptible
R053	49	35	Imperceptible	25	Imperceptible
R054	52	33	Imperceptible	20	Imperceptible
R055	52	33	Imperceptible	20	Imperceptible
R056	52	23	Imperceptible	<20	Imperceptible
R057	49	34	Imperceptible	24	Imperceptible
R058	49	34	Imperceptible	24	Imperceptible
R059	52	26	Imperceptible	<20	Imperceptible
R060	49	35	Imperceptible	25	Imperceptible
R061	49	32	Imperceptible	24	Imperceptible
R062	49	37	Imperceptible	27	Imperceptible
R063	49	35	Imperceptible	25	Imperceptible
R064	52	29	Imperceptible	<20	Imperceptible
R065	52	32	Imperceptible	25	Imperceptible
R066	52	31	Imperceptible	20	Imperceptible
R067	52	27	Imperceptible	<20	Imperceptible
R068	52	33	Imperceptible	22	Imperceptible
R069	52	30	Imperceptible	23	Imperceptible
R070	52	27	Imperceptible	<20	Imperceptible
R071	49	32	Imperceptible	25	Imperceptible
R072	52	32	Imperceptible	23	Imperceptible
R073	49	31	Imperceptible	23	Imperceptible
R074	49	31	Imperceptible	24	Imperceptible
R075	52	30	Imperceptible	<20	Imperceptible
R076	52	30	Imperceptible	<20	Imperceptible
R077	49	31	Imperceptible	25	Imperceptible
R078	49	36	Imperceptible	26	Imperceptible
R079	52	31	Imperceptible	25	Imperceptible
R080	52	23	Imperceptible	<20	Imperceptible
R081	49	33	Imperceptible	28	Imperceptible
R082	52	30	Imperceptible	24	Imperceptible
R083	49	40	Imperceptible	30	Imperceptible
R084	52	31	Imperceptible	25	Imperceptible
R085	49	34	Imperceptible	27	Imperceptible
R086	49	36	Imperceptible	27	Imperceptible
R087	52	31	Imperceptible	25	Imperceptible
R088	49	34	Imperceptible	27	Imperceptible
R089	49	38	Imperceptible	29	Imperceptible
R090	49	27	Imperceptible	23	Imperceptible
R091	52	31	Imperceptible	26	Imperceptible
R092	52	28	Imperceptible	25	Imperceptible
R093	49	41	Imperceptible	31	Imperceptible
R094	49	34	Imperceptible	27	Imperceptible
R095	52	32	Imperceptible	27	Imperceptible
R096	49	37	Imperceptible	28	Imperceptible
R097	52	25	Imperceptible	21	Imperceptible
R098	49	39	Imperceptible	30	Imperceptible
R099	49	33	Imperceptible	29	Imperceptible
R100	52	32	Imperceptible	27	Imperceptible
R101	52	32	Imperceptible	27	Imperceptible
R102	49	30	Imperceptible	28	Imperceptible
R103	49	40	Imperceptible	31	Imperceptible
R104	49	30	Imperceptible	29	Imperceptible
R105	49	38	Imperceptible	30	Imperceptible
R106	52	32	Imperceptible	29	Imperceptible
R107	52	33	Imperceptible	31	Imperceptible
R108	49	35	Imperceptible	30	Imperceptible

Receptor	Baseline	Scenario 3		Scenario 4	
		Predicted	Impact	Predicted	Impact
R109	55	28	Imperceptible	27	Imperceptible
R110	52	32	Imperceptible	29	Imperceptible
R111	52	32	Imperceptible	29	Imperceptible
R112	55	33	Imperceptible	31	Imperceptible
R113	52	32	Imperceptible	30	Imperceptible
R114	52	35	Imperceptible	23	Imperceptible
R115	50	50	Not significant	39	Imperceptible
R116	50	53	Not significant	41	Imperceptible
R117	50	56	Not significant	40	Imperceptible
R118	50	47	Imperceptible	36	Imperceptible
R119	50	48	Imperceptible	38	Imperceptible
R120	50	49	Imperceptible	36	Imperceptible
R121-NE 2 m	53	46	Imperceptible	51	Imperceptible
R121-NE 5 m	53	48	Imperceptible	51	Imperceptible
R121-NE 8 m	53	51	Imperceptible	53	Not significant
R121-SE 2 m	53	44	Imperceptible	47	Imperceptible
R121-SE 5 m	53	44	Imperceptible	47	Imperceptible
R121-SE 8 m	53	45	Imperceptible	47	Imperceptible
R122	53	45	Imperceptible	31	Imperceptible

Table A11-3.3 Construction noise impacts ($L_{Aeq 1h}$ levels as dB) – Construction scenarios 5 & 6.

Receptor	Baseline	Scenario 5		Scenario 6	
		Predicted	Impact	Predicted	Impact
R001	52	20	Imperceptible	<20	Imperceptible
R002	52	20	Imperceptible	<20	Imperceptible
R003	52	21	Imperceptible	<20	Imperceptible
R004	52	22	Imperceptible	<20	Imperceptible
R005	52	20	Imperceptible	<20	Imperceptible
R006	52	23	Imperceptible	<20	Imperceptible
R007	52	20	Imperceptible	<20	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	20	Imperceptible	<20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	20	Imperceptible	<20	Imperceptible
R012	52	21	Imperceptible	<20	Imperceptible
R013	52	20	Imperceptible	<20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	21	Imperceptible	<20	Imperceptible
R016	52	21	Imperceptible	<20	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	23	Imperceptible	<20	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	21	Imperceptible	<20	Imperceptible
R024	52	21	Imperceptible	<20	Imperceptible
R025	49	22	Imperceptible	<20	Imperceptible
R026	52	23	Imperceptible	<20	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	22	Imperceptible	<20	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	24	Imperceptible	<20	Imperceptible
R031	52	21	Imperceptible	<20	Imperceptible
R032	52	21	Imperceptible	<20	Imperceptible
R033	52	23	Imperceptible	<20	Imperceptible
R034	52	21	Imperceptible	<20	Imperceptible
R035	49	22	Imperceptible	<20	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	22	Imperceptible	<20	Imperceptible

Receptor	Baseline	Scenario 5		Scenario 6	
		Predicted	Impact	Predicted	Impact
R038	49	24	Imperceptible	<20	Imperceptible
R039	49	23	Imperceptible	<20	Imperceptible
R040	49	23	Imperceptible	<20	Imperceptible
R041	52	23	Imperceptible	<20	Imperceptible
R042	49	24	Imperceptible	<20	Imperceptible
R043	49	23	Imperceptible	<20	Imperceptible
R044	52	23	Imperceptible	<20	Imperceptible
R045	49	24	Imperceptible	<20	Imperceptible
R046	52	22	Imperceptible	<20	Imperceptible
R047	49	25	Imperceptible	<20	Imperceptible
R048	52	<20	Imperceptible	<20	Imperceptible
R049	49	23	Imperceptible	<20	Imperceptible
R050	49	24	Imperceptible	<20	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	26	Imperceptible	<20	Imperceptible
R054	52	20	Imperceptible	<20	Imperceptible
R055	52	21	Imperceptible	<20	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	25	Imperceptible	<20	Imperceptible
R058	49	25	Imperceptible	<20	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	26	Imperceptible	<20	Imperceptible
R061	49	26	Imperceptible	<20	Imperceptible
R062	49	28	Imperceptible	<20	Imperceptible
R063	49	26	Imperceptible	<20	Imperceptible
R064	52	<20	Imperceptible	<20	Imperceptible
R065	52	26	Imperceptible	<20	Imperceptible
R066	52	22	Imperceptible	<20	Imperceptible
R067	52	<20	Imperceptible	<20	Imperceptible
R068	52	21	Imperceptible	<20	Imperceptible
R069	52	24	Imperceptible	<20	Imperceptible
R070	52	<20	Imperceptible	<20	Imperceptible
R071	49	26	Imperceptible	<20	Imperceptible
R072	52	24	Imperceptible	<20	Imperceptible
R073	49	24	Imperceptible	<20	Imperceptible
R074	49	25	Imperceptible	<20	Imperceptible
R075	52	<20	Imperceptible	<20	Imperceptible
R076	52	<20	Imperceptible	<20	Imperceptible
R077	49	26	Imperceptible	<20	Imperceptible
R078	49	28	Imperceptible	<20	Imperceptible
R079	52	27	Imperceptible	<20	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	28	Imperceptible	20	Imperceptible
R082	52	25	Imperceptible	<20	Imperceptible
R083	49	31	Imperceptible	22	Imperceptible
R084	52	26	Imperceptible	<20	Imperceptible
R085	49	28	Imperceptible	20	Imperceptible
R086	49	29	Imperceptible	20	Imperceptible
R087	52	26	Imperceptible	<20	Imperceptible
R088	49	28	Imperceptible	20	Imperceptible
R089	49	30	Imperceptible	21	Imperceptible
R090	49	25	Imperceptible	<20	Imperceptible
R091	52	27	Imperceptible	<20	Imperceptible
R092	52	28	Imperceptible	<20	Imperceptible
R093	49	32	Imperceptible	23	Imperceptible
R094	49	29	Imperceptible	20	Imperceptible
R095	52	28	Imperceptible	20	Imperceptible
R096	49	29	Imperceptible	21	Imperceptible
R097	52	23	Imperceptible	<20	Imperceptible
R098	49	32	Imperceptible	22	Imperceptible

Receptor	Baseline	Scenario 5		Scenario 6	
		Predicted	Impact	Predicted	Impact
R099	49	30	Imperceptible	22	Imperceptible
R100	52	28	Imperceptible	20	Imperceptible
R101	52	28	Imperceptible	<20	Imperceptible
R102	49	30	Imperceptible	21	Imperceptible
R103	49	32	Imperceptible	23	Imperceptible
R104	49	30	Imperceptible	21	Imperceptible
R105	49	31	Imperceptible	22	Imperceptible
R106	52	30	Imperceptible	22	Imperceptible
R107	52	32	Imperceptible	23	Imperceptible
R108	49	31	Imperceptible	23	Imperceptible
R109	55	28	Imperceptible	20	Imperceptible
R110	52	30	Imperceptible	22	Imperceptible
R111	52	30	Imperceptible	22	Imperceptible
R112	55	32	Imperceptible	23	Imperceptible
R113	52	31	Imperceptible	23	Imperceptible
R114	52	25	Imperceptible	20	Imperceptible
R115	50	41	Imperceptible	30	Imperceptible
R116	50	42	Imperceptible	32	Imperceptible
R117	50	41	Imperceptible	31	Imperceptible
R118	50	37	Imperceptible	27	Imperceptible
R119	50	39	Imperceptible	29	Imperceptible
R120	50	37	Imperceptible	29	Imperceptible
R121-NE 2 m	53	53	Not significant	45	Imperceptible
R121-NE 5 m	53	53	Not significant	45	Imperceptible
R121-NE 8 m	53	55	Not significant	46	Imperceptible
R121-SE 2 m	53	48	Imperceptible	44	Imperceptible
R121-SE 5 m	53	48	Imperceptible	44	Imperceptible
R121-SE 8 m	53	48	Imperceptible	44	Imperceptible
R122	53	31	Imperceptible	26	Imperceptible

Table A11-3-4 Construction noise impacts ($L_{Aeq\ 1h}$ levels as dB) – Construction scenarios 7 & 8.

Receptor	Baseline	Scenario 7		Scenario 8	
		Predicted	Impact	Predicted	Impact
R001	52	<20	Imperceptible	21	Imperceptible
R002	52	<20	Imperceptible	22	Imperceptible
R003	52	<20	Imperceptible	22	Imperceptible
R004	52	<20	Imperceptible	24	Imperceptible
R005	52	<20	Imperceptible	21	Imperceptible
R006	52	<20	Imperceptible	24	Imperceptible
R007	52	<20	Imperceptible	22	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	<20	Imperceptible	21	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	<20	Imperceptible	22	Imperceptible
R012	52	<20	Imperceptible	23	Imperceptible
R013	52	<20	Imperceptible	22	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	<20	Imperceptible	22	Imperceptible
R016	52	<20	Imperceptible	22	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	<20	Imperceptible	24	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	<20	Imperceptible	22	Imperceptible
R024	52	<20	Imperceptible	22	Imperceptible
R025	49	<20	Imperceptible	23	Imperceptible
R026	52	<20	Imperceptible	25	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible

Receptor	Baseline	Scenario 7		Scenario 8	
		Predicted	Impact	Predicted	Impact
R028	49	<20	Imperceptible	24	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	<20	Imperceptible	26	Imperceptible
R031	52	<20	Imperceptible	22	Imperceptible
R032	52	<20	Imperceptible	23	Imperceptible
R033	52	<20	Imperceptible	25	Imperceptible
R034	52	<20	Imperceptible	22	Imperceptible
R035	49	<20	Imperceptible	24	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	<20	Imperceptible	24	Imperceptible
R038	49	<20	Imperceptible	25	Imperceptible
R039	49	<20	Imperceptible	25	Imperceptible
R040	49	<20	Imperceptible	24	Imperceptible
R041	52	<20	Imperceptible	25	Imperceptible
R042	49	<20	Imperceptible	25	Imperceptible
R043	49	<20	Imperceptible	25	Imperceptible
R044	52	<20	Imperceptible	25	Imperceptible
R045	49	<20	Imperceptible	26	Imperceptible
R046	52	<20	Imperceptible	23	Imperceptible
R047	49	<20	Imperceptible	27	Imperceptible
R048	52	<20	Imperceptible	21	Imperceptible
R049	49	<20	Imperceptible	25	Imperceptible
R050	49	<20	Imperceptible	25	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	<20	Imperceptible	28	Imperceptible
R054	52	<20	Imperceptible	23	Imperceptible
R055	52	<20	Imperceptible	26	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	<20	Imperceptible	27	Imperceptible
R058	49	<20	Imperceptible	27	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	<20	Imperceptible	27	Imperceptible
R061	49	<20	Imperceptible	25	Imperceptible
R062	49	<20	Imperceptible	30	Imperceptible
R063	49	<20	Imperceptible	27	Imperceptible
R064	52	<20	Imperceptible	<20	Imperceptible
R065	52	<20	Imperceptible	28	Imperceptible
R066	52	<20	Imperceptible	26	Imperceptible
R067	52	<20	Imperceptible	<20	Imperceptible
R068	52	<20	Imperceptible	25	Imperceptible
R069	52	<20	Imperceptible	26	Imperceptible
R070	52	<20	Imperceptible	<20	Imperceptible
R071	49	<20	Imperceptible	27	Imperceptible
R072	52	<20	Imperceptible	26	Imperceptible
R073	49	<20	Imperceptible	25	Imperceptible
R074	49	<20	Imperceptible	26	Imperceptible
R075	52	<20	Imperceptible	<20	Imperceptible
R076	52	<20	Imperceptible	<20	Imperceptible
R077	49	<20	Imperceptible	27	Imperceptible
R078	49	20	Imperceptible	30	Imperceptible
R079	52	<20	Imperceptible	27	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	21	Imperceptible	30	Imperceptible
R082	52	<20	Imperceptible	27	Imperceptible
R083	49	23	Imperceptible	31	Imperceptible
R084	52	<20	Imperceptible	28	Imperceptible
R085	49	21	Imperceptible	31	Imperceptible
R086	49	21	Imperceptible	30	Imperceptible
R087	52	<20	Imperceptible	28	Imperceptible
R088	49	21	Imperceptible	30	Imperceptible

Receptor	Baseline	Scenario 7		Scenario 8	
		Predicted	Impact	Predicted	Impact
R089	49	22	Imperceptible	32	Imperceptible
R090	49	<20	Imperceptible	24	Imperceptible
R091	52	20	Imperceptible	29	Imperceptible
R092	52	<20	Imperceptible	28	Imperceptible
R093	49	24	Imperceptible	34	Imperceptible
R094	49	22	Imperceptible	31	Imperceptible
R095	52	21	Imperceptible	30	Imperceptible
R096	49	22	Imperceptible	32	Imperceptible
R097	52	<20	Imperceptible	24	Imperceptible
R098	49	24	Imperceptible	33	Imperceptible
R099	49	23	Imperceptible	33	Imperceptible
R100	52	21	Imperceptible	31	Imperceptible
R101	52	20	Imperceptible	30	Imperceptible
R102	49	22	Imperceptible	32	Imperceptible
R103	49	24	Imperceptible	35	Imperceptible
R104	49	23	Imperceptible	32	Imperceptible
R105	49	23	Imperceptible	34	Imperceptible
R106	52	23	Imperceptible	33	Imperceptible
R107	52	24	Imperceptible	35	Imperceptible
R108	49	24	Imperceptible	34	Imperceptible
R109	55	22	Imperceptible	29	Imperceptible
R110	52	23	Imperceptible	33	Imperceptible
R111	52	23	Imperceptible	33	Imperceptible
R112	55	25	Imperceptible	35	Imperceptible
R113	52	24	Imperceptible	34	Imperceptible
R114	52	21	Imperceptible	33	Imperceptible
R115	50	32	Imperceptible	36	Imperceptible
R116	50	34	Imperceptible	35	Imperceptible
R117	50	33	Imperceptible	35	Imperceptible
R118	50	29	Imperceptible	33	Imperceptible
R119	50	31	Imperceptible	35	Imperceptible
R120	50	30	Imperceptible	33	Imperceptible
R121-NE 2 m	53	46	Imperceptible	50	Imperceptible
R121-NE 5 m	53	46	Imperceptible	50	Imperceptible
R121-NE 8 m	53	46	Imperceptible	50	Imperceptible
R121-SE 2 m	53	44	Imperceptible	54	Not significant
R121-SE 5 m	53	44	Imperceptible	54	Not significant
R121-SE 8 m	53	44	Imperceptible	54	Not significant
R122	53	27	Imperceptible	40	Imperceptible

Table A11-3-5 Construction noise impacts ($L_{Aeq\ 1\ h}$ levels as dB) – Construction scenarios 9 & 10.

Receptor	Baseline	Scenario 9		Scenario 10	
		Predicted	Impact	Predicted	Impact
R001	52	<20	Imperceptible	32	Imperceptible
R002	52	<20	Imperceptible	33	Imperceptible
R003	52	<20	Imperceptible	33	Imperceptible
R004	52	21	Imperceptible	35	Imperceptible
R005	52	<20	Imperceptible	32	Imperceptible
R006	52	22	Imperceptible	36	Imperceptible
R007	52	<20	Imperceptible	32	Imperceptible
R008	52	<20	Imperceptible	21	Imperceptible
R009	52	<20	Imperceptible	32	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	<20	Imperceptible	32	Imperceptible
R012	52	20	Imperceptible	34	Imperceptible
R013	52	<20	Imperceptible	35	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	<20	Imperceptible	33	Imperceptible
R016	52	<20	Imperceptible	33	Imperceptible
R017	52	<20	Imperceptible	20	Imperceptible

Receptor	Baseline	Scenario 9		Scenario 10	
		Predicted	Impact	Predicted	Impact
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	20	Imperceptible
R020	52	22	Imperceptible	36	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	<20	Imperceptible	33	Imperceptible
R024	52	<20	Imperceptible	33	Imperceptible
R025	49	20	Imperceptible	34	Imperceptible
R026	52	22	Imperceptible	36	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	21	Imperceptible	35	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	21	Imperceptible	37	Imperceptible
R031	52	<20	Imperceptible	32	Imperceptible
R032	52	20	Imperceptible	33	Imperceptible
R033	52	22	Imperceptible	36	Imperceptible
R034	52	<20	Imperceptible	32	Imperceptible
R035	49	21	Imperceptible	35	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	21	Imperceptible	35	Imperceptible
R038	49	23	Imperceptible	37	Imperceptible
R039	49	21	Imperceptible	36	Imperceptible
R040	49	21	Imperceptible	36	Imperceptible
R041	52	22	Imperceptible	36	Imperceptible
R042	49	23	Imperceptible	36	Imperceptible
R043	49	21	Imperceptible	36	Imperceptible
R044	52	22	Imperceptible	36	Imperceptible
R045	49	23	Imperceptible	37	Imperceptible
R046	52	20	Imperceptible	34	Imperceptible
R047	49	24	Imperceptible	38	Imperceptible
R048	52	<20	Imperceptible	32	Imperceptible
R049	49	<20	Imperceptible	25	Imperceptible
R050	49	23	Imperceptible	37	Imperceptible
R051	52	<20	Imperceptible	27	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	25	Imperceptible	39	Imperceptible
R054	52	20	Imperceptible	33	Imperceptible
R055	52	21	Imperceptible	36	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	23	Imperceptible	38	Imperceptible
R058	49	25	Imperceptible	39	Imperceptible
R059	52	<20	Imperceptible	24	Imperceptible
R060	49	25	Imperceptible	39	Imperceptible
R061	49	25	Imperceptible	39	Imperceptible
R062	49	27	Imperceptible	42	Imperceptible
R063	49	25	Imperceptible	39	Imperceptible
R064	52	<20	Imperceptible	30	Imperceptible
R065	52	25	Imperceptible	39	Imperceptible
R066	52	23	Imperceptible	37	Imperceptible
R067	52	<20	Imperceptible	30	Imperceptible
R068	52	22	Imperceptible	35	Imperceptible
R069	52	22	Imperceptible	36	Imperceptible
R070	52	<20	Imperceptible	29	Imperceptible
R071	49	24	Imperceptible	37	Imperceptible
R072	52	22	Imperceptible	36	Imperceptible
R073	49	22	Imperceptible	35	Imperceptible
R074	49	25	Imperceptible	40	Imperceptible
R075	52	<20	Imperceptible	28	Imperceptible
R076	52	<20	Imperceptible	29	Imperceptible
R077	49	24	Imperceptible	37	Imperceptible
R078	49	27	Imperceptible	41	Imperceptible

Receptor	Baseline	Scenario 9		Scenario 10	
		Predicted	Impact	Predicted	Impact
R079	52	24	Imperceptible	38	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	28	Imperceptible	44	Imperceptible
R082	52	23	Imperceptible	38	Imperceptible
R083	49	30	Imperceptible	45	Imperceptible
R084	52	24	Imperceptible	38	Imperceptible
R085	49	28	Imperceptible	42	Imperceptible
R086	49	28	Imperceptible	42	Imperceptible
R087	52	25	Imperceptible	39	Imperceptible
R088	49	28	Imperceptible	44	Imperceptible
R089	49	29	Imperceptible	44	Imperceptible
R090	49	23	Imperceptible	36	Imperceptible
R091	52	24	Imperceptible	37	Imperceptible
R092	52	24	Imperceptible	39	Imperceptible
R093	49	32	Imperceptible	46	Imperceptible
R094	49	29	Imperceptible	43	Imperceptible
R095	52	27	Imperceptible	41	Imperceptible
R096	49	30	Imperceptible	43	Imperceptible
R097	52	<20	Imperceptible	32	Imperceptible
R098	49	32	Imperceptible	45	Imperceptible
R099	49	29	Imperceptible	45	Imperceptible
R100	52	28	Imperceptible	41	Imperceptible
R101	52	25	Imperceptible	41	Imperceptible
R102	49	30	Imperceptible	43	Imperceptible
R103	49	30	Imperceptible	45	Imperceptible
R104	49	28	Imperceptible	42	Imperceptible
R105	49	31	Imperceptible	45	Imperceptible
R106	52	29	Imperceptible	43	Imperceptible
R107	52	29	Imperceptible	44	Imperceptible
R108	49	31	Imperceptible	46	Imperceptible
R109	55	25	Imperceptible	37	Imperceptible
R110	52	26	Imperceptible	40	Imperceptible
R111	52	28	Imperceptible	43	Imperceptible
R112	55	31	Imperceptible	46	Imperceptible
R113	52	30	Imperceptible	45	Imperceptible
R114	52	30	Imperceptible	43	Imperceptible
R115	50	32	Imperceptible	48	Imperceptible
R116	50	32	Imperceptible	48	Imperceptible
R117	50	32	Imperceptible	48	Imperceptible
R118	50	30	Imperceptible	45	Imperceptible
R119	50	29	Imperceptible	45	Imperceptible
R120	50	30	Imperceptible	46	Imperceptible
R121-NE 2 m	53	43	Imperceptible	58	Not significant
R121-NE 5 m	53	44	Imperceptible	58	Not significant
R121-NE 8 m	53	44	Imperceptible	58	Not significant
R121-SE 2 m	53	44	Imperceptible	57	Not significant
R121-SE 5 m	53	45	Imperceptible	57	Not significant
R121-SE 8 m	53	45	Imperceptible	57	Not significant
R122	53	34	Imperceptible	48	Imperceptible

Table A11-36 Construction noise impacts ($L_{Aeq 1h}$ levels as dB) – Construction scenarios 11 & 12.

Receptor	Baseline	Scenario 11		Scenario 12	
		Predicted	Impact	Predicted	Impact
R001	52	27	Imperceptible	20	Imperceptible
R002	52	27	Imperceptible	20	Imperceptible
R003	52	27	Imperceptible	20	Imperceptible
R004	52	29	Imperceptible	22	Imperceptible
R005	52	26	Imperceptible	20	Imperceptible
R006	52	30	Imperceptible	23	Imperceptible
R007	52	27	Imperceptible	20	Imperceptible

Receptor	Baseline	Scenario 11		Scenario 12	
		Predicted	Impact	Predicted	Impact
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	26	Imperceptible	20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	26	Imperceptible	20	Imperceptible
R012	52	28	Imperceptible	21	Imperceptible
R013	52	27	Imperceptible	20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	27	Imperceptible	21	Imperceptible
R016	52	27	Imperceptible	20	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	30	Imperceptible	23	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	27	Imperceptible	20	Imperceptible
R024	52	27	Imperceptible	20	Imperceptible
R025	49	28	Imperceptible	22	Imperceptible
R026	52	30	Imperceptible	23	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	29	Imperceptible	22	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	29	Imperceptible	24	Imperceptible
R031	52	26	Imperceptible	20	Imperceptible
R032	52	27	Imperceptible	21	Imperceptible
R033	52	30	Imperceptible	23	Imperceptible
R034	52	27	Imperceptible	20	Imperceptible
R035	49	29	Imperceptible	22	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	29	Imperceptible	22	Imperceptible
R038	49	31	Imperceptible	24	Imperceptible
R039	49	29	Imperceptible	23	Imperceptible
R040	49	29	Imperceptible	23	Imperceptible
R041	52	30	Imperceptible	23	Imperceptible
R042	49	30	Imperceptible	24	Imperceptible
R043	49	29	Imperceptible	23	Imperceptible
R044	52	30	Imperceptible	24	Imperceptible
R045	49	30	Imperceptible	24	Imperceptible
R046	52	28	Imperceptible	22	Imperceptible
R047	49	32	Imperceptible	25	Imperceptible
R048	52	26	Imperceptible	20	Imperceptible
R049	49	22	Imperceptible	23	Imperceptible
R050	49	31	Imperceptible	24	Imperceptible
R051	52	23	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	32	Imperceptible	26	Imperceptible
R054	52	28	Imperceptible	21	Imperceptible
R055	52	30	Imperceptible	24	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	32	Imperceptible	25	Imperceptible
R058	49	32	Imperceptible	25	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	33	Imperceptible	25	Imperceptible
R061	49	32	Imperceptible	24	Imperceptible
R062	49	35	Imperceptible	28	Imperceptible
R063	49	33	Imperceptible	26	Imperceptible
R064	52	27	Imperceptible	22	Imperceptible
R065	52	33	Imperceptible	26	Imperceptible
R066	52	31	Imperceptible	25	Imperceptible
R067	52	25	Imperceptible	21	Imperceptible
R068	52	29	Imperceptible	23	Imperceptible

Receptor	Baseline	Scenario 11		Scenario 12	
		Predicted	Impact	Predicted	Impact
R069	52	30	Imperceptible	24	Imperceptible
R070	52	22	Imperceptible	<20	Imperceptible
R071	49	31	Imperceptible	26	Imperceptible
R072	52	30	Imperceptible	24	Imperceptible
R073	49	30	Imperceptible	24	Imperceptible
R074	49	33	Imperceptible	24	Imperceptible
R075	52	24	Imperceptible	<20	Imperceptible
R076	52	25	Imperceptible	<20	Imperceptible
R077	49	32	Imperceptible	26	Imperceptible
R078	49	34	Imperceptible	28	Imperceptible
R079	52	31	Imperceptible	25	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	37	Imperceptible	29	Imperceptible
R082	52	32	Imperceptible	26	Imperceptible
R083	49	38	Imperceptible	31	Imperceptible
R084	52	32	Imperceptible	26	Imperceptible
R085	49	35	Imperceptible	28	Imperceptible
R086	49	35	Imperceptible	29	Imperceptible
R087	52	33	Imperceptible	26	Imperceptible
R088	49	36	Imperceptible	28	Imperceptible
R089	49	37	Imperceptible	30	Imperceptible
R090	49	31	Imperceptible	22	Imperceptible
R091	52	31	Imperceptible	27	Imperceptible
R092	52	33	Imperceptible	26	Imperceptible
R093	49	39	Imperceptible	32	Imperceptible
R094	49	36	Imperceptible	29	Imperceptible
R095	52	34	Imperceptible	28	Imperceptible
R096	49	37	Imperceptible	29	Imperceptible
R097	52	28	Imperceptible	22	Imperceptible
R098	49	38	Imperceptible	32	Imperceptible
R099	49	38	Imperceptible	30	Imperceptible
R100	52	35	Imperceptible	29	Imperceptible
R101	52	34	Imperceptible	28	Imperceptible
R102	49	37	Imperceptible	30	Imperceptible
R103	49	38	Imperceptible	33	Imperceptible
R104	49	36	Imperceptible	30	Imperceptible
R105	49	39	Imperceptible	31	Imperceptible
R106	52	37	Imperceptible	31	Imperceptible
R107	52	38	Imperceptible	33	Imperceptible
R108	49	40	Imperceptible	32	Imperceptible
R109	55	33	Imperceptible	28	Imperceptible
R110	52	36	Imperceptible	31	Imperceptible
R111	52	37	Imperceptible	31	Imperceptible
R112	55	39	Imperceptible	33	Imperceptible
R113	52	38	Imperceptible	32	Imperceptible
R114	52	36	Imperceptible	31	Imperceptible
R115	50	42	Imperceptible	37	Imperceptible
R116	50	42	Imperceptible	37	Imperceptible
R117	50	41	Imperceptible	37	Imperceptible
R118	50	39	Imperceptible	34	Imperceptible
R119	50	39	Imperceptible	36	Imperceptible
R120	50	39	Imperceptible	34	Imperceptible
R121-NE 2 m	53	52	Imperceptible	61	Slight adverse
R121-NE 5 m	53	53	Not significant	61	Slight adverse
R121-NE 8 m	53	53	Not significant	61	Slight adverse
R121-SE 2 m	53	51	Imperceptible	52	Imperceptible
R121-SE 5 m	53	51	Imperceptible	52	Imperceptible
R121-SE 8 m	53	53	Imperceptible	54	Not significant
R122	53	41	Imperceptible	33	Imperceptible

Table A11-3-7 Construction noise impacts ($L_{Aeq 1h}$ levels as dB) – Construction scenarios 13 & 14.

Receptor	Baseline	Scenario 13		Scenario 14	
		Predicted	Impact	Predicted	Impact
R001	52	20	Imperceptible	20	Imperceptible
R002	52	21	Imperceptible	21	Imperceptible
R003	52	21	Imperceptible	21	Imperceptible
R004	52	23	Imperceptible	23	Imperceptible
R005	52	20	Imperceptible	20	Imperceptible
R006	52	23	Imperceptible	23	Imperceptible
R007	52	21	Imperceptible	21	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	20	Imperceptible	20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	20	Imperceptible	21	Imperceptible
R012	52	21	Imperceptible	22	Imperceptible
R013	52	21	Imperceptible	21	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	21	Imperceptible	22	Imperceptible
R016	52	21	Imperceptible	21	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	23	Imperceptible	23	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	21	Imperceptible	21	Imperceptible
R024	52	21	Imperceptible	21	Imperceptible
R025	49	22	Imperceptible	22	Imperceptible
R026	52	24	Imperceptible	24	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	22	Imperceptible	23	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	24	Imperceptible	25	Imperceptible
R031	52	21	Imperceptible	21	Imperceptible
R032	52	21	Imperceptible	22	Imperceptible
R033	52	24	Imperceptible	24	Imperceptible
R034	52	21	Imperceptible	21	Imperceptible
R035	49	23	Imperceptible	23	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	23	Imperceptible	23	Imperceptible
R038	49	24	Imperceptible	24	Imperceptible
R039	49	24	Imperceptible	24	Imperceptible
R040	49	23	Imperceptible	23	Imperceptible
R041	52	24	Imperceptible	24	Imperceptible
R042	49	24	Imperceptible	25	Imperceptible
R043	49	23	Imperceptible	24	Imperceptible
R044	52	24	Imperceptible	24	Imperceptible
R045	49	25	Imperceptible	25	Imperceptible
R046	52	22	Imperceptible	22	Imperceptible
R047	49	25	Imperceptible	26	Imperceptible
R048	52	21	Imperceptible	20	Imperceptible
R049	49	24	Imperceptible	24	Imperceptible
R050	49	24	Imperceptible	24	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	26	Imperceptible	27	Imperceptible
R054	52	22	Imperceptible	22	Imperceptible
R055	52	24	Imperceptible	25	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	25	Imperceptible	26	Imperceptible
R058	49	26	Imperceptible	26	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	26	Imperceptible	26	Imperceptible

Receptor	Baseline	Scenario 13		Scenario 14	
		Predicted	Impact	Predicted	Impact
R061	49	24	Imperceptible	24	Imperceptible
R062	49	28	Imperceptible	28	Imperceptible
R063	49	26	Imperceptible	26	Imperceptible
R064	52	<20	Imperceptible	20	Imperceptible
R065	52	27	Imperceptible	27	Imperceptible
R066	52	25	Imperceptible	25	Imperceptible
R067	52	20	Imperceptible	19	Imperceptible
R068	52	23	Imperceptible	24	Imperceptible
R069	52	25	Imperceptible	25	Imperceptible
R070	52	<20	Imperceptible	<20	Imperceptible
R071	49	26	Imperceptible	26	Imperceptible
R072	52	24	Imperceptible	25	Imperceptible
R073	49	24	Imperceptible	24	Imperceptible
R074	49	25	Imperceptible	26	Imperceptible
R075	52	<20	Imperceptible	<20	Imperceptible
R076	52	<20	Imperceptible	<20	Imperceptible
R077	49	26	Imperceptible	26	Imperceptible
R078	49	28	Imperceptible	29	Imperceptible
R079	52	26	Imperceptible	26	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	29	Imperceptible	29	Imperceptible
R082	52	26	Imperceptible	27	Imperceptible
R083	49	31	Imperceptible	29	Imperceptible
R084	52	26	Imperceptible	27	Imperceptible
R085	49	28	Imperceptible	30	Imperceptible
R086	49	29	Imperceptible	29	Imperceptible
R087	52	27	Imperceptible	28	Imperceptible
R088	49	29	Imperceptible	29	Imperceptible
R089	49	30	Imperceptible	30	Imperceptible
R090	49	22	Imperceptible	23	Imperceptible
R091	52	27	Imperceptible	28	Imperceptible
R092	52	27	Imperceptible	27	Imperceptible
R093	49	32	Imperceptible	33	Imperceptible
R094	49	29	Imperceptible	30	Imperceptible
R095	52	28	Imperceptible	29	Imperceptible
R096	49	30	Imperceptible	31	Imperceptible
R097	52	23	Imperceptible	23	Imperceptible
R098	49	32	Imperceptible	31	Imperceptible
R099	49	31	Imperceptible	32	Imperceptible
R100	52	29	Imperceptible	30	Imperceptible
R101	52	28	Imperceptible	29	Imperceptible
R102	49	30	Imperceptible	31	Imperceptible
R103	49	33	Imperceptible	34	Imperceptible
R104	49	30	Imperceptible	31	Imperceptible
R105	49	31	Imperceptible	33	Imperceptible
R106	52	31	Imperceptible	32	Imperceptible
R107	52	33	Imperceptible	34	Imperceptible
R108	49	32	Imperceptible	33	Imperceptible
R109	55	28	Imperceptible	29	Imperceptible
R110	52	31	Imperceptible	32	Imperceptible
R111	52	31	Imperceptible	32	Imperceptible
R112	55	32	Imperceptible	34	Imperceptible
R113	52	32	Imperceptible	34	Imperceptible
R114	52	31	Imperceptible	32	Imperceptible
R115	50	37	Imperceptible	35	Imperceptible
R116	50	38	Imperceptible	34	Imperceptible
R117	50	37	Imperceptible	34	Imperceptible
R118	50	35	Imperceptible	32	Imperceptible
R119	50	36	Imperceptible	34	Imperceptible
R120	50	35	Imperceptible	32	Imperceptible
R121-NE 2 m	53	60	Slight adverse	51	Imperceptible

Receptor	Baseline	Scenario 13		Scenario 14	
		Predicted	Impact	Predicted	Impact
R121-NE 5 m	53	60	Slight adverse	51	Imperceptible
R121-NE 8 m	53	60	Slight adverse	52	Imperceptible
R121-SE 2 m	53	50	Imperceptible	58	Not significant
R121-SE 5 m	53	50	Imperceptible	58	Not significant
R121-SE 8 m	53	52	Imperceptible	58	Not significant
R122	53	34	Imperceptible	40	Imperceptible

Table A11-38 Construction noise impacts ($L_{Aeq\ 1h}$ levels as dB) – Construction scenarios 15 & 16.

Receptor	Baseline	Scenario 15		Scenario 16	
		Predicted	Impact	Predicted	Impact
R001	52	22	Imperceptible	22	Imperceptible
R002	52	23	Imperceptible	22	Imperceptible
R003	52	23	Imperceptible	23	Imperceptible
R004	52	25	Imperceptible	25	Imperceptible
R005	52	22	Imperceptible	22	Imperceptible
R006	52	25	Imperceptible	25	Imperceptible
R007	52	23	Imperceptible	22	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	22	Imperceptible	22	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	23	Imperceptible	22	Imperceptible
R012	52	24	Imperceptible	23	Imperceptible
R013	52	23	Imperceptible	23	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	25	Imperceptible	25	Imperceptible
R016	52	23	Imperceptible	23	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	25	Imperceptible	25	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	23	Imperceptible	23	Imperceptible
R024	52	23	Imperceptible	23	Imperceptible
R025	49	24	Imperceptible	24	Imperceptible
R026	52	25	Imperceptible	25	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	25	Imperceptible	24	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	26	Imperceptible	26	Imperceptible
R031	52	23	Imperceptible	23	Imperceptible
R032	52	24	Imperceptible	23	Imperceptible
R033	52	26	Imperceptible	25	Imperceptible
R034	52	23	Imperceptible	23	Imperceptible
R035	49	25	Imperceptible	24	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	25	Imperceptible	25	Imperceptible
R038	49	26	Imperceptible	26	Imperceptible
R039	49	26	Imperceptible	27	Imperceptible
R040	49	25	Imperceptible	25	Imperceptible
R041	52	26	Imperceptible	26	Imperceptible
R042	49	26	Imperceptible	26	Imperceptible
R043	49	25	Imperceptible	25	Imperceptible
R044	52	26	Imperceptible	26	Imperceptible
R045	49	27	Imperceptible	26	Imperceptible
R046	52	24	Imperceptible	24	Imperceptible
R047	49	27	Imperceptible	27	Imperceptible
R048	52	21	Imperceptible	21	Imperceptible
R049	49	26	Imperceptible	26	Imperceptible

Receptor	Baseline	Scenario 15		Scenario 16	
		Predicted	Impact	Predicted	Impact
R050	49	26	Imperceptible	26	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	28	Imperceptible	28	Imperceptible
R054	52	24	Imperceptible	24	Imperceptible
R055	52	26	Imperceptible	26	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	27	Imperceptible	27	Imperceptible
R058	49	28	Imperceptible	27	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	28	Imperceptible	27	Imperceptible
R061	49	26	Imperceptible	26	Imperceptible
R062	49	30	Imperceptible	30	Imperceptible
R063	49	28	Imperceptible	28	Imperceptible
R064	52	22	Imperceptible	22	Imperceptible
R065	52	29	Imperceptible	29	Imperceptible
R066	52	27	Imperceptible	27	Imperceptible
R067	52	21	Imperceptible	20	Imperceptible
R068	52	26	Imperceptible	25	Imperceptible
R069	52	27	Imperceptible	27	Imperceptible
R070	52	20	Imperceptible	<20	Imperceptible
R071	49	28	Imperceptible	27	Imperceptible
R072	52	27	Imperceptible	26	Imperceptible
R073	49	26	Imperceptible	26	Imperceptible
R074	49	27	Imperceptible	27	Imperceptible
R075	52	20	Imperceptible	<20	Imperceptible
R076	52	20	Imperceptible	<20	Imperceptible
R077	49	28	Imperceptible	28	Imperceptible
R078	49	30	Imperceptible	30	Imperceptible
R079	52	28	Imperceptible	28	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	30	Imperceptible	29	Imperceptible
R082	52	28	Imperceptible	28	Imperceptible
R083	49	30	Imperceptible	30	Imperceptible
R084	52	29	Imperceptible	29	Imperceptible
R085	49	31	Imperceptible	31	Imperceptible
R086	49	30	Imperceptible	30	Imperceptible
R087	52	29	Imperceptible	29	Imperceptible
R088	49	31	Imperceptible	31	Imperceptible
R089	49	31	Imperceptible	31	Imperceptible
R090	49	25	Imperceptible	24	Imperceptible
R091	52	30	Imperceptible	30	Imperceptible
R092	52	29	Imperceptible	29	Imperceptible
R093	49	34	Imperceptible	34	Imperceptible
R094	49	32	Imperceptible	32	Imperceptible
R095	52	31	Imperceptible	31	Imperceptible
R096	49	32	Imperceptible	32	Imperceptible
R097	52	25	Imperceptible	25	Imperceptible
R098	49	32	Imperceptible	32	Imperceptible
R099	49	33	Imperceptible	33	Imperceptible
R100	52	32	Imperceptible	31	Imperceptible
R101	52	31	Imperceptible	31	Imperceptible
R102	49	33	Imperceptible	33	Imperceptible
R103	49	35	Imperceptible	35	Imperceptible
R104	49	33	Imperceptible	33	Imperceptible
R105	49	34	Imperceptible	34	Imperceptible
R106	52	34	Imperceptible	35	Imperceptible
R107	52	35	Imperceptible	35	Imperceptible
R108	49	35	Imperceptible	34	Imperceptible
R109	55	31	Imperceptible	30	Imperceptible
R110	52	34	Imperceptible	34	Imperceptible

Receptor	Baseline	Scenario 15		Scenario 16	
		Predicted	Impact	Predicted	Impact
R111	52	34	Imperceptible	34	Imperceptible
R112	55	36	Imperceptible	36	Imperceptible
R113	52	35	Imperceptible	35	Imperceptible
R114	52	34	Imperceptible	33	Imperceptible
R115	50	36	Imperceptible	35	Imperceptible
R116	50	36	Imperceptible	35	Imperceptible
R117	50	35	Imperceptible	35	Imperceptible
R118	50	33	Imperceptible	33	Imperceptible
R119	50	35	Imperceptible	35	Imperceptible
R120	50	33	Imperceptible	33	Imperceptible
R121-NE 2 m	53	53	Not significant	51	Imperceptible
R121-NE 5 m	53	53	Not significant	52	Imperceptible
R121-NE 8 m	53	53	Not significant	52	Imperceptible
R121-SE 2 m	53	60	Slight adverse	60	Slight adverse
R121-SE 5 m	53	60	Slight adverse	61	Slight adverse
R121-SE 8 m	53	60	Slight adverse	61	Slight adverse
R122	53	43	Imperceptible	43	Imperceptible

Table A11-3-9 Construction noise impacts ($L_{Aeq\ 1h}$ levels as dB) – Construction scenarios 17 & 18.

Receptor	Baseline	Scenario 17		Scenario 18	
		Predicted	Impact	Predicted	Impact
R001	52	<20	Imperceptible	<20	Imperceptible
R002	52	<20	Imperceptible	<20	Imperceptible
R003	52	<20	Imperceptible	<20	Imperceptible
R004	52	<20	Imperceptible	<20	Imperceptible
R005	52	<20	Imperceptible	<20	Imperceptible
R006	52	<20	Imperceptible	<20	Imperceptible
R007	52	<20	Imperceptible	<20	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	<20	Imperceptible	<20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	<20	Imperceptible	<20	Imperceptible
R012	52	<20	Imperceptible	<20	Imperceptible
R013	52	<20	Imperceptible	<20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	<20	Imperceptible	<20	Imperceptible
R016	52	<20	Imperceptible	<20	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	<20	Imperceptible	<20	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	<20	Imperceptible	<20	Imperceptible
R024	52	<20	Imperceptible	<20	Imperceptible
R025	49	<20	Imperceptible	<20	Imperceptible
R026	52	<20	Imperceptible	<20	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	<20	Imperceptible	<20	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	<20	Imperceptible	<20	Imperceptible
R031	52	<20	Imperceptible	<20	Imperceptible
R032	52	<20	Imperceptible	<20	Imperceptible
R033	52	<20	Imperceptible	<20	Imperceptible
R034	52	<20	Imperceptible	<20	Imperceptible
R035	49	<20	Imperceptible	<20	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	<20	Imperceptible	<20	Imperceptible
R038	49	<20	Imperceptible	<20	Imperceptible

Receptor	Baseline	Scenario 17		Scenario 18	
		Predicted	Impact	Predicted	Impact
R039	49	<20	Imperceptible	<20	Imperceptible
R040	49	<20	Imperceptible	<20	Imperceptible
R041	52	<20	Imperceptible	<20	Imperceptible
R042	49	<20	Imperceptible	<20	Imperceptible
R043	49	<20	Imperceptible	<20	Imperceptible
R044	52	<20	Imperceptible	<20	Imperceptible
R045	49	<20	Imperceptible	<20	Imperceptible
R046	52	<20	Imperceptible	<20	Imperceptible
R047	49	<20	Imperceptible	<20	Imperceptible
R048	52	<20	Imperceptible	<20	Imperceptible
R049	49	<20	Imperceptible	<20	Imperceptible
R050	49	<20	Imperceptible	<20	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	<20	Imperceptible	<20	Imperceptible
R054	52	<20	Imperceptible	<20	Imperceptible
R055	52	<20	Imperceptible	<20	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	<20	Imperceptible	<20	Imperceptible
R058	49	<20	Imperceptible	<20	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	<20	Imperceptible	<20	Imperceptible
R061	49	<20	Imperceptible	<20	Imperceptible
R062	49	<20	Imperceptible	<20	Imperceptible
R063	49	<20	Imperceptible	<20	Imperceptible
R064	52	<20	Imperceptible	<20	Imperceptible
R065	52	<20	Imperceptible	<20	Imperceptible
R066	52	<20	Imperceptible	<20	Imperceptible
R067	52	<20	Imperceptible	<20	Imperceptible
R068	52	<20	Imperceptible	<20	Imperceptible
R069	52	<20	Imperceptible	<20	Imperceptible
R070	52	<20	Imperceptible	<20	Imperceptible
R071	49	<20	Imperceptible	<20	Imperceptible
R072	52	<20	Imperceptible	<20	Imperceptible
R073	49	<20	Imperceptible	<20	Imperceptible
R074	49	<20	Imperceptible	<20	Imperceptible
R075	52	<20	Imperceptible	<20	Imperceptible
R076	52	<20	Imperceptible	<20	Imperceptible
R077	49	<20	Imperceptible	<20	Imperceptible
R078	49	<20	Imperceptible	<20	Imperceptible
R079	52	<20	Imperceptible	<20	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	<20	Imperceptible	<20	Imperceptible
R082	52	<20	Imperceptible	<20	Imperceptible
R083	49	29	Imperceptible	22	Imperceptible
R084	52	<20	Imperceptible	<20	Imperceptible
R085	49	<20	Imperceptible	<20	Imperceptible
R086	49	<20	Imperceptible	<20	Imperceptible
R087	52	<20	Imperceptible	<20	Imperceptible
R088	49	<20	Imperceptible	<20	Imperceptible
R089	49	28	Imperceptible	21	Imperceptible
R090	49	<20	Imperceptible	<20	Imperceptible
R091	52	<20	Imperceptible	<20	Imperceptible
R092	52	<20	Imperceptible	<20	Imperceptible
R093	49	22	Imperceptible	22	Imperceptible
R094	49	<20	Imperceptible	20	Imperceptible
R095	52	<20	Imperceptible	<20	Imperceptible
R096	49	20	Imperceptible	20	Imperceptible
R097	52	<20	Imperceptible	<20	Imperceptible
R098	49	21	Imperceptible	21	Imperceptible
R099	49	21	Imperceptible	21	Imperceptible

Receptor	Baseline	Scenario 17		Scenario 18	
		Predicted	Impact	Predicted	Impact
R100	52	<20	Imperceptible	<20	Imperceptible
R101	52	<20	Imperceptible	<20	Imperceptible
R102	49	<20	Imperceptible	<20	Imperceptible
R103	49	22	Imperceptible	22	Imperceptible
R104	49	<20	Imperceptible	<20	Imperceptible
R105	49	21	Imperceptible	22	Imperceptible
R106	52	20	Imperceptible	20	Imperceptible
R107	52	21	Imperceptible	21	Imperceptible
R108	49	21	Imperceptible	22	Imperceptible
R109	55	<20	Imperceptible	<20	Imperceptible
R110	52	<20	Imperceptible	20	Imperceptible
R111	52	<20	Imperceptible	20	Imperceptible
R112	55	21	Imperceptible	22	Imperceptible
R113	52	21	Imperceptible	21	Imperceptible
R114	52	<20	Imperceptible	20	Imperceptible
R115	50	38	Imperceptible	36	Imperceptible
R116	50	41	Imperceptible	40	Imperceptible
R117	50	40	Imperceptible	41	Imperceptible
R118	50	34	Imperceptible	35	Imperceptible
R119	50	38	Imperceptible	38	Imperceptible
R120	50	38	Imperceptible	37	Imperceptible
R121-NE 2 m	53	45	Imperceptible	45	Imperceptible
R121-NE 5 m	53	45	Imperceptible	45	Imperceptible
R121-NE 8 m	53	45	Imperceptible	46	Imperceptible
R121-SE 2 m	53	44	Imperceptible	44	Imperceptible
R121-SE 5 m	53	44	Imperceptible	44	Imperceptible
R121-SE 8 m	53	44	Imperceptible	44	Imperceptible
R122	53	27	Imperceptible	28	Imperceptible

Table A11-3-10 Construction noise impacts ($L_{Aeq\ 1h}$ levels as dB) – Construction scenarios 19 & 20.

Receptor	Baseline	Scenario 19		Scenario 20	
		Predicted	Impact	Predicted	Impact
R001	52	<20	Imperceptible	<20	Imperceptible
R002	52	<20	Imperceptible	<20	Imperceptible
R003	52	<20	Imperceptible	<20	Imperceptible
R004	52	<20	Imperceptible	20	Imperceptible
R005	52	<20	Imperceptible	<20	Imperceptible
R006	52	<20	Imperceptible	20	Imperceptible
R007	52	<20	Imperceptible	<20	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	<20	Imperceptible	<20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	<20	Imperceptible	<20	Imperceptible
R012	52	<20	Imperceptible	<20	Imperceptible
R013	52	<20	Imperceptible	<20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	<20	Imperceptible	<20	Imperceptible
R016	52	<20	Imperceptible	<20	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	<20	Imperceptible	<20	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	<20	Imperceptible	<20	Imperceptible
R024	52	<20	Imperceptible	<20	Imperceptible
R025	49	<20	Imperceptible	<20	Imperceptible
R026	52	<20	Imperceptible	<20	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	<20	Imperceptible	<20	Imperceptible

Receptor	Baseline	Scenario 19		Scenario 20	
		Predicted	Impact	Predicted	Impact
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	<20	Imperceptible	21	Imperceptible
R031	52	<20	Imperceptible	<20	Imperceptible
R032	52	<20	Imperceptible	<20	Imperceptible
R033	52	<20	Imperceptible	20	Imperceptible
R034	52	<20	Imperceptible	<20	Imperceptible
R035	49	<20	Imperceptible	<20	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	<20	Imperceptible	<20	Imperceptible
R038	49	<20	Imperceptible	21	Imperceptible
R039	49	<20	Imperceptible	20	Imperceptible
R040	49	<20	Imperceptible	<20	Imperceptible
R041	52	<20	Imperceptible	20	Imperceptible
R042	49	<20	Imperceptible	20	Imperceptible
R043	49	<20	Imperceptible	20	Imperceptible
R044	52	<20	Imperceptible	20	Imperceptible
R045	49	<20	Imperceptible	22	Imperceptible
R046	52	<20	Imperceptible	<20	Imperceptible
R047	49	<20	Imperceptible	22	Imperceptible
R048	52	<20	Imperceptible	<20	Imperceptible
R049	49	<20	Imperceptible	20	Imperceptible
R050	49	<20	Imperceptible	20	Imperceptible
R051	52	<20	Imperceptible	<20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	<20	Imperceptible	22	Imperceptible
R054	52	<20	Imperceptible	20	Imperceptible
R055	52	<20	Imperceptible	21	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	<20	Imperceptible	22	Imperceptible
R058	49	<20	Imperceptible	22	Imperceptible
R059	52	<20	Imperceptible	<20	Imperceptible
R060	49	<20	Imperceptible	22	Imperceptible
R061	49	<20	Imperceptible	22	Imperceptible
R062	49	<20	Imperceptible	25	Imperceptible
R063	49	<20	Imperceptible	22	Imperceptible
R064	52	<20	Imperceptible	<20	Imperceptible
R065	52	<20	Imperceptible	23	Imperceptible
R066	52	<20	Imperceptible	<20	Imperceptible
R067	52	<20	Imperceptible	<20	Imperceptible
R068	52	<20	Imperceptible	20	Imperceptible
R069	52	<20	Imperceptible	21	Imperceptible
R070	52	<20	Imperceptible	20	Imperceptible
R071	49	<20	Imperceptible	23	Imperceptible
R072	52	<20	Imperceptible	21	Imperceptible
R073	49	<20	Imperceptible	22	Imperceptible
R074	49	<20	Imperceptible	22	Imperceptible
R075	52	<20	Imperceptible	<20	Imperceptible
R076	52	<20	Imperceptible	<20	Imperceptible
R077	49	<20	Imperceptible	23	Imperceptible
R078	49	<20	Imperceptible	23	Imperceptible
R079	52	<20	Imperceptible	24	Imperceptible
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	<20	Imperceptible	25	Imperceptible
R082	52	<20	Imperceptible	22	Imperceptible
R083	49	22	Imperceptible	27	Imperceptible
R084	52	<20	Imperceptible	22	Imperceptible
R085	49	<20	Imperceptible	24	Imperceptible
R086	49	<20	Imperceptible	24	Imperceptible
R087	52	<20	Imperceptible	23	Imperceptible
R088	49	<20	Imperceptible	24	Imperceptible
R089	49	21	Imperceptible	26	Imperceptible

Receptor	Baseline	Scenario 19		Scenario 20	
		Predicted	Impact	Predicted	Impact
R090	49	<20	Imperceptible	20	Imperceptible
R091	52	<20	Imperceptible	23	Imperceptible
R092	52	<20	Imperceptible	23	Imperceptible
R093	49	22	Imperceptible	28	Imperceptible
R094	49	20	Imperceptible	24	Imperceptible
R095	52	<20	Imperceptible	23	Imperceptible
R096	49	21	Imperceptible	25	Imperceptible
R097	52	<20	Imperceptible	<20	Imperceptible
R098	49	22	Imperceptible	27	Imperceptible
R099	49	21	Imperceptible	26	Imperceptible
R100	52	<20	Imperceptible	24	Imperceptible
R101	52	<20	Imperceptible	24	Imperceptible
R102	49	20	Imperceptible	25	Imperceptible
R103	49	23	Imperceptible	26	Imperceptible
R104	49	20	Imperceptible	25	Imperceptible
R105	49	22	Imperceptible	26	Imperceptible
R106	52	20	Imperceptible	25	Imperceptible
R107	52	22	Imperceptible	27	Imperceptible
R108	49	22	Imperceptible	26	Imperceptible
R109	55	<20	Imperceptible	25	Imperceptible
R110	52	20	Imperceptible	26	Imperceptible
R111	52	20	Imperceptible	26	Imperceptible
R112	55	23	Imperceptible	27	Imperceptible
R113	52	21	Imperceptible	26	Imperceptible
R114	52	20	Imperceptible	26	Imperceptible
R115	50	38	Imperceptible	38	Imperceptible
R116	50	40	Imperceptible	49	Imperceptible
R117	50	39	Imperceptible	39	Imperceptible
R118	50	35	Imperceptible	40	Imperceptible
R119	50	38	Imperceptible	43	Imperceptible
R120	50	37	Imperceptible	42	Imperceptible
R121-NE 2 m	53	45	Imperceptible	45	Imperceptible
R121-NE 5 m	53	45	Imperceptible	45	Imperceptible
R121-NE 8 m	53	47	Imperceptible	46	Imperceptible
R121-SE 2 m	53	44	Imperceptible	44	Imperceptible
R121-SE 5 m	53	44	Imperceptible	44	Imperceptible
R121-SE 8 m	53	44	Imperceptible	44	Imperceptible
R122	53	27	Imperceptible	31	Imperceptible

Table A11-3-11 Construction noise impacts ($L_{Aeq 1h}$ levels as dB) – Construction scenarios 21 & 22.

Receptor	Baseline	Scenario 21		Scenario 22	
		Predicted	Impact	Predicted	Impact
R001	52	20	Imperceptible	20	Imperceptible
R002	52	21	Imperceptible	20	Imperceptible
R003	52	21	Imperceptible	21	Imperceptible
R004	52	22	Imperceptible	22	Imperceptible
R005	52	20	Imperceptible	20	Imperceptible
R006	52	22	Imperceptible	22	Imperceptible
R007	52	21	Imperceptible	21	Imperceptible
R008	52	<20	Imperceptible	<20	Imperceptible
R009	52	20	Imperceptible	20	Imperceptible
R010	52	<20	Imperceptible	<20	Imperceptible
R011	52	21	Imperceptible	20	Imperceptible
R012	52	21	Imperceptible	21	Imperceptible
R013	52	21	Imperceptible	20	Imperceptible
R014	52	<20	Imperceptible	<20	Imperceptible
R015	52	21	Imperceptible	21	Imperceptible
R016	52	21	Imperceptible	21	Imperceptible
R017	52	<20	Imperceptible	<20	Imperceptible
R018	52	<20	Imperceptible	<20	Imperceptible

Receptor	Baseline	Scenario 21		Scenario 22	
		Predicted	Impact	Predicted	Impact
R019	52	<20	Imperceptible	<20	Imperceptible
R020	52	22	Imperceptible	22	Imperceptible
R021	52	<20	Imperceptible	<20	Imperceptible
R022	52	<20	Imperceptible	<20	Imperceptible
R023	52	21	Imperceptible	21	Imperceptible
R024	52	21	Imperceptible	21	Imperceptible
R025	49	22	Imperceptible	21	Imperceptible
R026	52	22	Imperceptible	22	Imperceptible
R027	52	<20	Imperceptible	<20	Imperceptible
R028	49	22	Imperceptible	22	Imperceptible
R029	52	<20	Imperceptible	<20	Imperceptible
R030	49	23	Imperceptible	23	Imperceptible
R031	52	21	Imperceptible	21	Imperceptible
R032	52	21	Imperceptible	21	Imperceptible
R033	52	23	Imperceptible	23	Imperceptible
R034	52	21	Imperceptible	21	Imperceptible
R035	49	22	Imperceptible	22	Imperceptible
R036	52	<20	Imperceptible	<20	Imperceptible
R037	49	22	Imperceptible	22	Imperceptible
R038	49	23	Imperceptible	23	Imperceptible
R039	49	23	Imperceptible	23	Imperceptible
R040	49	22	Imperceptible	22	Imperceptible
R041	52	23	Imperceptible	23	Imperceptible
R042	49	23	Imperceptible	23	Imperceptible
R043	49	23	Imperceptible	22	Imperceptible
R044	52	23	Imperceptible	23	Imperceptible
R045	49	24	Imperceptible	24	Imperceptible
R046	52	22	Imperceptible	22	Imperceptible
R047	49	24	Imperceptible	24	Imperceptible
R048	52	21	Imperceptible	21	Imperceptible
R049	49	23	Imperceptible	23	Imperceptible
R050	49	23	Imperceptible	23	Imperceptible
R051	52	21	Imperceptible	20	Imperceptible
R052	52	<20	Imperceptible	<20	Imperceptible
R053	49	25	Imperceptible	25	Imperceptible
R054	52	23	Imperceptible	23	Imperceptible
R055	52	23	Imperceptible	23	Imperceptible
R056	52	<20	Imperceptible	<20	Imperceptible
R057	49	24	Imperceptible	24	Imperceptible
R058	49	25	Imperceptible	25	Imperceptible
R059	52	21	Imperceptible	21	Imperceptible
R060	49	25	Imperceptible	25	Imperceptible
R061	49	24	Imperceptible	24	Imperceptible
R062	49	27	Imperceptible	27	Imperceptible
R063	49	25	Imperceptible	25	Imperceptible
R064	52	<20	Imperceptible	<20	Imperceptible
R065	52	25	Imperceptible	25	Imperceptible
R066	52	23	Imperceptible	22	Imperceptible
R067	52	21	Imperceptible	21	Imperceptible
R068	52	23	Imperceptible	23	Imperceptible
R069	52	24	Imperceptible	23	Imperceptible
R070	52	22	Imperceptible	22	Imperceptible
R071	49	25	Imperceptible	25	Imperceptible
R072	52	24	Imperceptible	23	Imperceptible
R073	49	24	Imperceptible	24	Imperceptible
R074	49	25	Imperceptible	25	Imperceptible
R075	52	22	Imperceptible	22	Imperceptible
R076	52	22	Imperceptible	22	Imperceptible
R077	49	25	Imperceptible	25	Imperceptible
R078	49	26	Imperceptible	26	Imperceptible
R079	52	26	Imperceptible	26	Imperceptible

Receptor	Baseline	Scenario 21		Scenario 22	
		Predicted	Impact	Predicted	Impact
R080	52	<20	Imperceptible	<20	Imperceptible
R081	49	27	Imperceptible	27	Imperceptible
R082	52	25	Imperceptible	24	Imperceptible
R083	49	29	Imperceptible	29	Imperceptible
R084	52	25	Imperceptible	25	Imperceptible
R085	49	26	Imperceptible	26	Imperceptible
R086	49	27	Imperceptible	27	Imperceptible
R087	52	25	Imperceptible	25	Imperceptible
R088	49	27	Imperceptible	26	Imperceptible
R089	49	28	Imperceptible	28	Imperceptible
R090	49	23	Imperceptible	23	Imperceptible
R091	52	26	Imperceptible	26	Imperceptible
R092	52	24	Imperceptible	24	Imperceptible
R093	49	30	Imperceptible	30	Imperceptible
R094	49	27	Imperceptible	27	Imperceptible
R095	52	26	Imperceptible	26	Imperceptible
R096	49	27	Imperceptible	27	Imperceptible
R097	52	21	Imperceptible	20	Imperceptible
R098	49	29	Imperceptible	29	Imperceptible
R099	49	29	Imperceptible	29	Imperceptible
R100	52	27	Imperceptible	27	Imperceptible
R101	52	26	Imperceptible	26	Imperceptible
R102	49	27	Imperceptible	27	Imperceptible
R103	49	29	Imperceptible	28	Imperceptible
R104	49	28	Imperceptible	28	Imperceptible
R105	49	29	Imperceptible	28	Imperceptible
R106	52	28	Imperceptible	28	Imperceptible
R107	52	30	Imperceptible	30	Imperceptible
R108	49	29	Imperceptible	29	Imperceptible
R109	55	28	Imperceptible	28	Imperceptible
R110	52	28	Imperceptible	28	Imperceptible
R111	52	28	Imperceptible	28	Imperceptible
R112	55	29	Imperceptible	29	Imperceptible
R113	52	28	Imperceptible	28	Imperceptible
R114	52	28	Imperceptible	28	Imperceptible
R115	50	42	Imperceptible	42	Imperceptible
R116	50	50	Not significant	49	Imperceptible
R117	50	48	Imperceptible	47	Imperceptible
R118	50	41	Imperceptible	40	Imperceptible
R119	50	44	Imperceptible	43	Imperceptible
R120	50	41	Imperceptible	39	Imperceptible
R121-NE 2 m	53	45	Imperceptible	45	Imperceptible
R121-NE 5 m	53	46	Imperceptible	46	Imperceptible
R121-NE 8 m	53	46	Imperceptible	47	Imperceptible
R121-SE 2 m	53	44	Imperceptible	44	Imperceptible
R121-SE 5 m	53	44	Imperceptible	44	Imperceptible
R121-SE 8 m	53	44	Imperceptible	44	Imperceptible
R122	53	33	Imperceptible	33	Imperceptible