

# OTTERPOOL PARK

## Environmental Statement Appendix 6.8: Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

MARCH 2022



Table 1: Change in Annual Mean NO<sub>2</sub> concentrations (µg/m<sup>3</sup>) and relevant IAQM Impact Descriptors at Modelled Receptors – Sensitivity Test Scenario 2 and Illustrative Masterplan

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT001	622805	137745.3	12.2	12.4	0.2	Negligible	12.2	12.4	0.2	Negligible
OTT002	621204	137059.4	14.4	14.8	0.4	Negligible	14.4	14.7	0.3	Negligible
OTT003	620296	136785.4	13.4	14.3	0.9	Negligible	13.4	14.2	0.8	Negligible
OTT004	620374	136738.6	13.1	13.9	0.8	Negligible	13.1	13.9	0.8	Negligible
OTT005	620654	136682.2	12.7	13.6	0.9	Negligible	12.7	13.6	0.9	Negligible
OTT006	620639	136660.8	13.1	14.1	1.0	Negligible	13.1	14.1	1.0	Negligible
OTT007	621071	136570.9	13.6	14.5	0.9	Negligible	13.6	14.5	0.9	Negligible
OTT008	621113	136589	14.6	15.4	0.8	Negligible	14.6	15.3	0.7	Negligible
OTT009	621127	136721.8	12.5	12.8	0.3	Negligible	12.5	12.8	0.3	Negligible
OTT010	621103	136838.3	11.5	11.8	0.3	Negligible	11.5	11.8	0.3	Negligible
OTT011	621224	137186.7	15.1	15.5	0.4	Negligible	15.1	15.5	0.4	Negligible
OTT012	621201	137273.7	13.1	13.4	0.3	Negligible	13.1	13.4	0.3	Negligible
OTT013	621267	137411.1	13.9	14.2	0.3	Negligible	13.9	14.2	0.3	Negligible
OTT014	621141	137516.9	12.7	13.1	0.4	Negligible	12.7	13.1	0.4	Negligible

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT015	621356	137597.4	14.8	15.4	0.6	Negligible	14.8	15.4	0.6	Negligible
OTT016	621418	137643	16.1	16.9	0.8	Negligible	16.1	16.9	0.8	Negligible
OTT017	621824	138433.9	9.8	10.0	0.2	Negligible	9.8	10.0	0.2	Negligible
OTT018	621606	138216.8	9.8	10.0	0.2	Negligible	9.8	10.0	0.2	Negligible
OTT019	622261	137674.8	13.1	13.5	0.4	Negligible	13.1	13.5	0.4	Negligible
OTT020	622539	137691.2	13.0	13.3	0.3	Negligible	13.0	13.3	0.3	Negligible
OTT021	622637	137639.7	14.3	14.8	0.5	Negligible	14.3	14.8	0.5	Negligible
OTT022	622760	137688.3	13.4	13.7	0.3	Negligible	13.4	13.7	0.3	Negligible
OTT023	622183	138624.5	15.9	16.5	0.6	Negligible	15.9	16.5	0.6	Negligible
OTT024	622249	138748	14.4	15.0	0.6	Negligible	14.4	15.0	0.6	Negligible
OTT025	622106	138950.5	12.4	12.9	0.5	Negligible	12.4	12.8	0.4	Negligible
OTT026	622095	139113.1	10.8	11.3	0.5	Negligible	10.8	11.2	0.4	Negligible
OTT027	621617	139312.9	10.3	10.4	0.1	Negligible	10.3	10.4	0.1	Negligible
OTT028	622823	139279.3	13.0	13.3	0.3	Negligible	13.0	13.3	0.3	Negligible
OTT029	623028	139441.3	15.5	16.1	0.6	Negligible	15.5	16.1	0.6	Negligible
OTT030	623435	139561.4	11.4	11.8	0.4	Negligible	11.4	11.7	0.3	Negligible

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT031	622818	139681.7	8.7	8.8	0.1	Negligible	8.7	8.8	0.1	Negligible
OTT032	622519	139018.1	11.5	11.8	0.3	Negligible	11.5	11.8	0.3	Negligible
OTT033	617658	137445.2	10.5	11.0	0.5	Negligible	10.5	10.9	0.4	Negligible
OTT034	618216	137292	11.3	11.8	0.5	Negligible	11.3	11.8	0.5	Negligible
OTT035	618978	136980.6	12.7	13.7	1.0	Negligible	12.7	13.6	0.9	Negligible
OTT036	619466	137130.3	13.8	14.6	0.8	Negligible	13.8	14.6	0.8	Negligible
OTT037	619467	137025.9	13.2	14.0	0.8	Negligible	13.2	14.0	0.8	Negligible
OTT038	619579	137232.9	13.7	14.6	0.9	Negligible	13.7	14.5	0.8	Negligible
OTT039	619781	137389	14.8	15.7	0.9	Negligible	14.8	15.7	0.9	Negligible
OTT040	619970	137475	16.4	17.6	1.2	Negligible	16.4	17.5	1.1	Negligible
OTT041	620030	137424.2	12.7	13.2	0.5	Negligible	12.7	13.2	0.5	Negligible
OTT042	619592	136820.6	13.7	14.5	0.8	Negligible	13.7	14.5	0.8	Negligible
OTT043	619858	136695	15.2	16.5	1.3	Negligible	15.2	16.4	1.2	Negligible
OTT044	620083	136742.1	15.7	16.9	1.2	Negligible	15.7	16.8	1.1	Negligible
OTT045	620131	136779.3	15.4	16.7	1.3	Negligible	15.4	16.6	1.2	Negligible
OTT046	620079	136652.4	13.1	13.7	0.6	Negligible	13.1	13.7	0.6	Negligible

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT047	620180	136794.7	14.1	15.2	1.1	Negligible	14.1	15.1	1.0	Negligible
OTT048	617131	137857.8	9.4	9.7	0.3	Negligible	9.4	9.7	0.3	Negligible
OTT049	616920	138560	10.8	11.3	0.5	Negligible	10.8	11.3	0.5	Negligible
OTT050	616925	139230.6	8.8	9.0	0.2	Negligible	8.8	9.0	0.2	Negligible
OTT051	616878	139238	9.3	9.5	0.2	Negligible	9.3	9.5	0.2	Negligible
OTT052	616611	134996.1	10.9	11.0	0.1	Negligible	10.9	11.0	0.1	Negligible
OTT053	615093	134981.3	13.0	13.6	0.6	Negligible	13.0	13.6	0.6	Negligible
OTT054	615182	134961.3	12.9	13.4	0.5	Negligible	12.9	13.4	0.5	Negligible
OTT055	615232	134915.3	13.4	14.0	0.6	Negligible	13.4	14.0	0.6	Negligible
OTT056	615347	134900.7	12.3	12.6	0.3	Negligible	12.3	12.6	0.3	Negligible
OTT057	615422	135048.6	9.7	9.8	0.1	Negligible	9.7	9.8	0.1	Negligible
OTT058	615357	134884.7	13.7	14.1	0.4	Negligible	13.7	14.1	0.4	Negligible
OTT059	616511	134838.8	12.7	12.9	0.2	Negligible	12.7	12.9	0.2	Negligible
OTT060	616422	134756	13.7	14.1	0.4	Negligible	13.7	14.0	0.3	Negligible
OTT061	615972	134656.4	13.4	13.7	0.3	Negligible	13.4	13.7	0.3	Negligible
OTT062	616585	134895.1	13.7	14.0	0.3	Negligible	13.7	13.9	0.2	Negligible

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OTT063	616703	134899.2	14.5	14.8	0.3	Negligible	14.5	14.8	0.3	Negligible
OTT064	617054	134857.7	11.3	11.5	0.2	Negligible	11.3	11.5	0.2	Negligible
OTT065	617826	134888.6	10.9	11.2	0.3	Negligible	10.9	11.2	0.3	Negligible
OTT066	616630	135086.4	10.8	10.9	0.1	Negligible	10.8	10.9	0.1	Negligible
OTT067	616580	134997.8	10.6	10.7	0.1	Negligible	10.6	10.6	0.0	Negligible
OTT068	616763	135132.7	10.0	10.1	0.1	Negligible	10.0	10.1	0.1	Negligible
OTT069	616780	135205.8	9.9	10.0	0.1	Negligible	9.9	10.0	0.1	Negligible
OTT070	616759	135187.5	9.3	9.4	0.1	Negligible	9.3	9.4	0.1	Negligible
OTT071	616919	135651.8	9.9	10.1	0.2	Negligible	9.9	10.1	0.2	Negligible
OTT072	617055	135735.1	10.3	10.4	0.1	Negligible	10.3	10.4	0.1	Negligible
OTT073	617414	136077.3	9.9	10.1	0.2	Negligible	9.9	10.1	0.2	Negligible
OTT074	615737	134738.7	13.9	14.1	0.2	Negligible	13.9	14.1	0.2	Negligible
OTT075	616199	134779.9	10.1	10.2	0.1	Negligible	10.1	10.2	0.1	Negligible
OTT076	615832	134693.8	15.7	16.1	0.4	Negligible	15.7	16.1	0.4	Negligible
OTT077	615345	134665.9	14.3	14.5	0.2	Negligible	14.3	14.4	0.1	Negligible
OTT078	615244	134603.6	14.3	14.4	0.1	Negligible	14.3	14.4	0.1	Negligible

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OTT079	615031	134400.3	13.2	13.3	0.1	Negligible	13.2	13.3	0.1	Negligible
OTT080	615022	134450.8	12.3	12.3	0.0	Negligible	12.3	12.3	0.0	Negligible
OTT081	615437	135307.7	9.7	9.8	0.1	Negligible	9.7	9.8	0.1	Negligible
OTT082	615520	135420.8	10.0	10.1	0.1	Negligible	10.0	10.1	0.1	Negligible
OTT083	615664	135700.7	10.1	10.2	0.1	Negligible	10.1	10.2	0.1	Negligible
OTT084	615682	135722.5	9.4	9.5	0.1	Negligible	9.4	9.5	0.1	Negligible
OTT085	615257	135887.6	9.3	9.4	0.1	Negligible	9.3	9.4	0.1	Negligible
OTT086	615537	135749.6	9.8	9.9	0.1	Negligible	9.8	9.9	0.1	Negligible
OTT087	615957	137175.1	10.6	11.3	0.7	Negligible	10.6	11.3	0.7	Negligible
OTT088	614106	135222.8	11.0	11.2	0.2	Negligible	11.0	11.2	0.2	Negligible
OTT089	614055	135197	9.0	9.0	0.0	Negligible	9.0	9.0	0.0	Negligible
OTT090	614091	135169.5	12.4	9.9	-2.5	Slight Beneficial	12.4	9.9	-2.5	Slight Beneficial
OTT091	614982	135091.1	12.2	12.8	0.6	Negligible	12.2	12.8	0.6	Negligible
OTT092	614827	135112.1	9.9	10.2	0.3	Negligible	9.9	10.2	0.3	Negligible
OTT093	614954	135063.7	10.2	10.6	0.4	Negligible	10.2	10.6	0.4	Negligible
OTT094	614721	136791.6	9.5	9.8	0.3	Negligible	9.5	9.8	0.3	Negligible

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT095	614679	136776.1	9.2	9.5	0.3	Negligible	9.2	9.4	0.2	Negligible
OTT096	614384	137312.6	11.7	12.6	0.9	Negligible	11.7	12.5	0.8	Negligible
OTT097	615867	137122.2	10.5	11.2	0.7	Negligible	10.5	11.2	0.7	Negligible
OTT098	616827	137273.7	11.2	12.1	0.9	Negligible	11.2	12.0	0.8	Negligible
OTT099	614810	137734.2	9.0	9.3	0.3	Negligible	9.0	9.2	0.2	Negligible
OTT100	614908	137920	8.4	8.6	0.2	Negligible	8.4	8.6	0.2	Negligible
OTT101	615503	139404.7	7.9	7.9	0.0	Negligible	7.9	7.9	0.0	Negligible
OTT102	612722	136169.6	11.4	11.2	-0.2	Negligible	11.4	11.3	-0.1	Negligible
OTT103	612740	136199.6	12.3	11.9	-0.4	Negligible	12.3	12.1	-0.2	Negligible
OTT104	612571	136165.1	9.8	9.6	-0.2	Negligible	9.8	9.7	-0.1	Negligible
OTT105	612666	136159.9	10.2	9.9	-0.3	Negligible	10.2	10.0	-0.2	Negligible
OTT106	612704	136111.9	9.4	9.9	0.5	Negligible	9.4	9.9	0.5	Negligible
OTT107	612639	135993.7	8.8	9.2	0.4	Negligible	8.8	9.2	0.4	Negligible
OTT108	612477	135844.8	8.6	9.0	0.4	Negligible	8.6	9.0	0.4	Negligible
OTT109	612336	135466.7	8.6	9.1	0.5	Negligible	8.6	9.1	0.5	Negligible
OTT110	612331	135534.6	8.4	8.8	0.4	Negligible	8.4	8.8	0.4	Negligible



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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT111	612268	135363.6	8.6	9.2	0.6	Negligible	8.6	9.2	0.6	Negligible
OTT112	612268	135406.6	8.7	9.3	0.6	Negligible	8.7	9.3	0.6	Negligible
OTT113	612139	135225.6	8.5	8.9	0.4	Negligible	8.5	8.8	0.3	Negligible
OTT114	612172	135274.2	8.5	8.9	0.4	Negligible	8.5	8.9	0.4	Negligible
OTT115	612276	134967.6	9.3	9.2	-0.1	Negligible	9.3	9.2	-0.1	Negligible
OTT116	612367	135029.2	9.4	9.4	0.0	Negligible	9.4	9.3	-0.1	Negligible
OTT117	613979	135554.8	12.1	14.8	2.7	Slight Adverse	12.1	14.8	2.7	Slight Adverse
OTT118	613936	135617.3	10.8	12.7	1.9	Negligible	10.8	12.6	1.8	Negligible
OTT119	613921	135696.5	10.0	11.4	1.4	Negligible	10.0	11.4	1.4	Negligible
OTT120	612784	136396.3	9.1	9.4	0.3	Negligible	9.1	9.5	0.4	Negligible
OTT121	612795	136711.2	8.7	8.9	0.2	Negligible	8.7	8.9	0.2	Negligible
OTT122	612805	136831.2	8.8	8.9	0.1	Negligible	8.8	8.9	0.1	Negligible
OTT123	612915	137384.2	11.7	12.2	0.5	Negligible	11.7	12.2	0.5	Negligible
OTT124	612903	137488.7	16.0	16.8	0.8	Negligible	16.0	16.7	0.7	Negligible
OTT125	612870	137532.2	12.1	12.6	0.5	Negligible	12.1	12.6	0.5	Negligible
OTT126	612964	138438.9	8.4	8.5	0.1	Negligible	8.4	8.5	0.1	Negligible

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OTT127	613016	138700.2	10.7	10.8	0.1	Negligible	10.7	10.8	0.1	Negligible
OTT128	611993	134988.7	8.8	8.7	-0.1	Negligible	8.8	8.7	-0.1	Negligible
OTT129	611880	134983.6	9.0	8.7	-0.3	Negligible	9.0	8.7	-0.3	Negligible
OTT130	611911	134962.2	10.5	9.9	-0.6	Negligible	10.5	10.0	-0.5	Negligible
OTT131	611556	134982.2	10.7	10.1	-0.6	Negligible	10.7	10.2	-0.5	Negligible
OTT132	611421	134993.4	10.9	10.2	-0.7	Negligible	10.9	10.3	-0.6	Negligible
OTT133	610947	135189.9	10.7	9.9	-0.8	Negligible	10.7	10.0	-0.7	Negligible
OTT134	610950	135218.2	10.9	9.8	-1.1	Negligible	10.9	9.8	-1.1	Negligible
OTT135	610677	135323.8	7.9	8.0	0.1	Negligible	7.9	8.0	0.1	Negligible
OTT136	611014	136532.3	9.3	8.9	-0.4	Negligible	9.3	8.9	-0.4	Negligible
OTT137	612108	135112.8	8.8	9.2	0.4	Negligible	8.8	9.2	0.4	Negligible
OTT138	612082	135125.4	8.7	9.1	0.4	Negligible	8.7	9.1	0.4	Negligible
OTT139	612054	134984.3	9.2	9.2	0.0	Negligible	9.2	9.2	0.0	Negligible
OTT140	612059	135052.3	9.3	9.9	0.6	Negligible	9.3	9.9	0.6	Negligible
OTT141	610880	137142.1	10.5	11.4	0.9	Negligible	10.5	11.4	0.9	Negligible
OTT142	610853	137147.4	9.9	10.6	0.7	Negligible	9.9	10.6	0.7	Negligible

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OTT143	610853	137285.6	11.2	12.3	1.1	Negligible	11.2	12.3	1.1	Negligible
OTT144	610802	137372.1	9.7	10.3	0.6	Negligible	9.7	10.3	0.6	Negligible
OTT145	610654	137673.5	11.3	11.8	0.5	Negligible	11.3	11.8	0.5	Negligible
OTT146	610732	137616.3	12.6	13.7	1.1	Negligible	12.6	13.7	1.1	Negligible
OTT147	610581	137970.5	11.7	12.6	0.9	Negligible	11.7	12.6	0.9	Negligible
OTT148	610553	138002.5	11.8	12.6	0.8	Negligible	11.8	12.6	0.8	Negligible
OTT149	608757	138627.9	8.9	9.1	0.2	Negligible	8.9	9.1	0.2	Negligible
OTT150	610150	135266.5	8.1	8.2	0.1	Negligible	8.1	8.2	0.1	Negligible
OTT151	610330	138167.9	10.6	11.2	0.6	Negligible	10.6	11.2	0.6	Negligible
OTT152	610347	138118.6	10.8	11.3	0.5	Negligible	10.8	11.3	0.5	Negligible
OTT153	609963	138309.5	11.4	12.0	0.6	Negligible	11.4	12.0	0.6	Negligible
OTT154	610122	138273.1	11.0	11.5	0.5	Negligible	11.0	11.5	0.5	Negligible
OTT155	609693	138372.9	11.0	11.5	0.5	Negligible	11.0	11.6	0.6	Negligible
OTT156	609497	138467.1	10.6	11.1	0.5	Negligible	10.6	11.1	0.5	Negligible
OTT157	609036	138491.1	11.9	12.6	0.7	Negligible	11.9	12.7	0.8	Negligible
OTT158	609461	138036.8	14.6	15.2	0.6	Negligible	14.6	15.1	0.5	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT159	610387	137829.8	15.4	16.1	0.7	Negligible	15.4	16.1	0.7	Negligible
OTT160	610449	137837.1	13.2	13.8	0.6	Negligible	13.2	13.7	0.5	Negligible
OTT161	608193	138840.3	8.5	8.6	0.1	Negligible	8.5	8.6	0.1	Negligible
OTT162	607916	139063.4	10.6	11.1	0.5	Negligible	10.6	11.1	0.5	Negligible
OTT163	607472	139277.9	9.4	9.7	0.3	Negligible	9.4	9.7	0.3	Negligible
OTT164	607721	139195	9.0	9.2	0.2	Negligible	9.0	9.2	0.2	Negligible
OTT165	607047	139307.3	9.3	9.5	0.2	Negligible	9.3	9.4	0.1	Negligible
OTT166	607192	139516.2	8.9	9.0	0.1	Negligible	8.9	9.0	0.1	Negligible
OTT167	607287	139759.5	8.3	8.3	0.0	Negligible	8.3	8.3	0.0	Negligible
OTT168	612850	135078.3	8.5	8.3	-0.2	Negligible	8.5	8.3	-0.2	Negligible
OTT169	612476	134626.6	9.2	10.5	1.3	Negligible	9.2	10.5	1.3	Negligible
OTT170	612461	134581.5	8.4	9.2	0.8	Negligible	8.4	9.1	0.7	Negligible
OTT171	609296	138679.1	9.0	9.1	0.1	Negligible	9.0	9.1	0.1	Negligible
OTT172	609200	138754.9	8.7	8.8	0.1	Negligible	8.7	8.8	0.1	Negligible
OTT173	609196	138435.8	9.8	10.1	0.3	Negligible	9.8	10.1	0.3	Negligible
OTT174	607102	139252.6	9.3	9.4	0.1	Negligible	9.3	9.4	0.1	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT175	606938	139336.7	8.9	9.0	0.1	Negligible	8.9	9.0	0.1	Negligible
OTT176	606894	139144.1	9.5	9.7	0.2	Negligible	9.5	9.7	0.2	Negligible
OTT177	606435	139813.4	9.4	9.7	0.3	Negligible	9.4	9.7	0.3	Negligible
OTT178	605649	140254.5	11.9	12.4	0.5	Negligible	11.9	12.4	0.5	Negligible
OTT179	605399	139979.3	8.8	8.9	0.1	Negligible	8.8	8.9	0.1	Negligible
OTT180	604565	140975.6	10.6	10.8	0.2	Negligible	10.6	10.8	0.2	Negligible
OTT181	604323	141405	10.8	10.9	0.1	Negligible	10.8	10.9	0.1	Negligible
OTT182	604167	141362.3	12.2	12.3	0.1	Negligible	12.2	12.3	0.1	Negligible
OTT183	604199	141407.3	11.5	11.6	0.1	Negligible	11.5	11.6	0.1	Negligible
OTT184	604016	141610.8	12.1	12.2	0.1	Negligible	12.1	12.2	0.1	Negligible
OTT185	604078	141623.5	11.0	11.1	0.1	Negligible	11.0	11.1	0.1	Negligible
OTT186	603623	141520.6	12.1	12.3	0.2	Negligible	12.1	12.3	0.2	Negligible
OTT187	603585	141198.1	11.3	11.5	0.2	Negligible	11.3	11.5	0.2	Negligible
OTT188	603602	140854.7	11.4	11.5	0.1	Negligible	11.4	11.5	0.1	Negligible
OTT189	603595	141413.8	11.5	11.7	0.2	Negligible	11.5	11.7	0.2	Negligible
OTT190	603504	141768.5	13.3	13.5	0.2	Negligible	13.3	13.5	0.2	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT191	603427	141874.4	13.5	13.7	0.2	Negligible	13.5	13.7	0.2	Negligible
OTT192	603734	141836.1	13.3	13.4	0.1	Negligible	13.3	13.4	0.1	Negligible
OTT193	603547	141898.7	13.9	14.0	0.1	Negligible	13.9	14.0	0.1	Negligible
OTT194	603394	142071.6	15.2	15.4	0.2	Negligible	15.2	15.4	0.2	Negligible
OTT195	603755	141989.7	11.5	11.6	0.1	Negligible	11.5	11.6	0.1	Negligible
OTT196	603368	142558.3	12.6	12.8	0.2	Negligible	12.6	12.8	0.2	Negligible
OTT197	603646	141900	13.1	13.2	0.1	Negligible	13.1	13.2	0.1	Negligible
OTT198	602964	142430.7	14.1	14.3	0.2	Negligible	14.1	14.3	0.2	Negligible
OTT199	602976	142549.9	15.4	15.6	0.2	Negligible	15.4	15.6	0.2	Negligible
OTT200	601337	143583.1	16.7	16.9	0.2	Negligible	16.7	16.9	0.2	Negligible
OTT201	601087	143889.7	14.8	14.9	0.1	Negligible	14.8	14.9	0.1	Negligible
OTT202	600826	144087.7	13.1	13.1	0.0	Negligible	13.1	13.1	0.0	Negligible
OTT203	599463	145051.7	11.0	11.1	0.1	Negligible	11.0	11.1	0.1	Negligible
OTT204	599544	145120.6	11.7	11.8	0.1	Negligible	11.7	11.8	0.1	Negligible
OTT205	611299	136228.9	8.1	8.2	0.1	Negligible	8.1	8.2	0.1	Negligible
OTT206	612906	137136	8.9	9.7	0.8	Negligible	8.9	9.5	0.6	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
OTT207	612363	137154.5	8.7	8.9	0.2	Negligible	8.7	8.8	0.1	Negligible
OTT208	612909	137264.5	9.5	9.9	0.4	Negligible	9.5	9.8	0.3	Negligible
OTT209	612099	137193.7	8.6	8.8	0.2	Negligible	8.6	8.8	0.2	Negligible
OTT210	613182	136938.4	8.7	9.3	0.6	Negligible	8.7	9.2	0.5	Negligible
FUT001	610852	136762.3	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT002	610852	136740.5	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT003	610722	136778.1	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT004	610721	136797.3	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT005	610639	136893.1	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT006	610615	136769.2	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT007	610600	136772	n/a	8.5	n/a	Future receptor	n/a	8.5	n/a	Future receptor
FUT008	610604	136661.1	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT009	610588	136663.4	n/a	8.4	n/a	Future receptor	n/a	8.4	n/a	Future receptor
FUT010	610728	136244.9	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT011	610646	136233	n/a	7.9	n/a	Future receptor	n/a	7.9	n/a	Future receptor
FUT012	610622	136227.9	n/a	7.9	n/a	Future receptor	n/a	7.9	n/a	Future receptor

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT013	610596	136508.1	n/a	8.1	n/a	Future receptor	n/a	8.1	n/a	Future receptor
FUT014	610566	136509.6	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT015	610079	136898.8	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT016	610091	136850.8	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT017	610646	137003.3	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT018	610117	136854.3	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT019	612919	136485	n/a	11.9	n/a	Future receptor	n/a	12.4	n/a	Future receptor
FUT020	612921	136510	n/a	11.5	n/a	Future receptor	n/a	12.1	n/a	Future receptor
FUT021	612799	136503.4	n/a	12.3	n/a	Future receptor	n/a	13.1	n/a	Future receptor
FUT022	612765	136357.4	n/a	9.4	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT023	612730	136487.3	n/a	10.3	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT024	612758	136521.1	n/a	10.4	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT025	612599	136559	n/a	10.4	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT026	612558	136536.7	n/a	10.5	n/a	Future receptor	n/a	11.0	n/a	Future receptor
FUT027	612363	136474.8	n/a	9.1	n/a	Future receptor	n/a	9.1	n/a	Future receptor
FUT028	612408	136399.5	n/a	9.0	n/a	Future receptor	n/a	9.1	n/a	Future receptor



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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT029	612334	136599.9	n/a	12.8	n/a	Future receptor	n/a	12.5	n/a	Future receptor
FUT030	612222	136605.8	n/a	11.8	n/a	Future receptor	n/a	11.5	n/a	Future receptor
FUT031	612440	136517.8	n/a	9.2	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT032	612457	136666.3	n/a	9.6	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT033	612584	136879.3	n/a	9.8	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT034	612565	136885.5	n/a	9.7	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT035	612117	136579.1	n/a	11.9	n/a	Future receptor	n/a	11.7	n/a	Future receptor
FUT036	611871	136661.5	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT037	612445	136215.6	n/a	9.1	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT038	612362	136314.9	n/a	9.5	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT039	612060	136320.6	n/a	9.6	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT040	612247	136416.4	n/a	9.8	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT041	613100	136628.9	n/a	13.1	n/a	Future receptor	n/a	13.5	n/a	Future receptor
FUT042	612036	136293.8	n/a	9.7	n/a	Future receptor	n/a	9.7	n/a	Future receptor
FUT043	611977	136221.4	n/a	9.8	n/a	Future receptor	n/a	9.7	n/a	Future receptor
FUT044	611960	136231.2	n/a	9.4	n/a	Future receptor	n/a	9.3	n/a	Future receptor

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT045	611938	136157.5	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT046	611856	136048.2	n/a	9.3	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT047	611738	136099.5	n/a	8.4	n/a	Future receptor	n/a	8.3	n/a	Future receptor
FUT048	611752	136105.8	n/a	8.4	n/a	Future receptor	n/a	8.4	n/a	Future receptor
FUT049	611594	136240.7	n/a	8.2	n/a	Future receptor	n/a	8.2	n/a	Future receptor
FUT050	611486	136174.8	n/a	8.2	n/a	Future receptor	n/a	8.2	n/a	Future receptor
FUT051	611670	135870.4	n/a	10.8	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT052	611810	135987.6	n/a	10.7	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT053	611524	135861.6	n/a	10.9	n/a	Future receptor	n/a	10.9	n/a	Future receptor
FUT054	611488	135883.4	n/a	10.6	n/a	Future receptor	n/a	10.5	n/a	Future receptor
FUT055	611439	135862.8	n/a	10.3	n/a	Future receptor	n/a	10.3	n/a	Future receptor
FUT056	611503	135811.3	n/a	10.5	n/a	Future receptor	n/a	10.5	n/a	Future receptor
FUT057	611498	135619.7	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT058	611483	135622.3	n/a	9.8	n/a	Future receptor	n/a	9.8	n/a	Future receptor
FUT059	611317	135866.1	n/a	10.0	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT060	611216	135932.2	n/a	10.3	n/a	Future receptor	n/a	10.3	n/a	Future receptor

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT061	611102	135950.7	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor
FUT062	611409	135429	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT063	611436	135443.6	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT064	611300	135409	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT065	611194	135395.1	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT066	611070	135401.4	n/a	9.7	n/a	Future receptor	n/a	9.7	n/a	Future receptor
FUT067	611066	135362.9	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT068	611183	135357.2	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT069	611303	135374.9	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT070	610984	135456.7	n/a	8.9	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT071	610979	135410	n/a	9.1	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT072	610934	135517.8	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT073	610825	135543.2	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT074	610808	135608.9	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT075	610775	135599	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT076	610798	135524.9	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT077	610931	135489.9	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT078	610742	135721.6	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT079	610714	135834	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT080	610762	135839.1	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT081	610783	135724.8	n/a	7.7	n/a	Future receptor	n/a	7.7	n/a	Future receptor
FUT082	610695	135985.2	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT083	610901	135959.6	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT084	610656	136083.6	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT085	610636	136078.8	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT086	611055	136711	n/a	9.9	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT087	611231	136648.6	n/a	9.3	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT088	611177	136724	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT089	611199	136817.7	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT090	611536	136671	n/a	9.3	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT091	611624	136677.3	n/a	9.3	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT092	611736	136689	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor

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Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT093	611706	136848.4	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT094	611455	136794.9	n/a	9.1	n/a	Future receptor	n/a	9.1	n/a	Future receptor
FUT095	611453	136810.1	n/a	9.1	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT096	611011	136969.8	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT097	611071	136898.3	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT098	611315	137099.2	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT099	611301	137102.1	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT100	611209	137251.5	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT101	611219	137263.6	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT102	611694	137162.9	n/a	8.5	n/a	Future receptor	n/a	8.5	n/a	Future receptor
FUT103	611769	137092	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT104	610073	136855.5	n/a	7.8	n/a	Future receptor	n/a	7.8	n/a	Future receptor
FUT105	609981	136817.7	n/a	7.6	n/a	Future receptor	n/a	7.6	n/a	Future receptor
FUT106	609798	136747.5	n/a	7.6	n/a	Future receptor	n/a	7.6	n/a	Future receptor
FUT107	610058	137120.4	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT108	610062	137134.7	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 2 (2044 Development Specification + Link Road)				Illustrative Masterplan 2044			
			Without development 2044	With Development 2044	Change 2044	Impact Descriptor 2044	Without Development 2044	With Development 2044	Change 2044	Impact Descriptor 2044
FUT109	609853	137181	n/a	8.2	n/a	Future receptor	n/a	8.2	n/a	Future receptor
FUT110	610128	137115.1	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT111	610124	137100	n/a	8.6	n/a	Future receptor	n/a	8.6	n/a	Future receptor
FUT112	610154	137134.8	n/a	8.8	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT113	610187	137200.2	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT114	610098	137000	n/a	8.0	n/a	Future receptor	n/a	8.0	n/a	Future receptor
FUT115	610398	137157.7	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT116	610415	137168.6	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT117	611975	136577.5	n/a	9.8	n/a	Future receptor	n/a	9.8	n/a	Future receptor
FUT118	611809	136634.7	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT119	612165	136529.9	n/a	10.7	n/a	Future receptor	n/a	10.6	n/a	Future receptor
FUT120	611008	135883.2	n/a	11.9	n/a	Future receptor	n/a	11.9	n/a	Future receptor
FUT121	611005	136016.4	n/a	10.7	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT122	613166	136682.3	n/a	13.8	n/a	Future receptor	n/a	14.3	n/a	Future receptor
FUT123	612486	136255.8	n/a	9.8	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT124	612893	136400.9	n/a	12.4	n/a	Future receptor	n/a	12.6	n/a	Future receptor

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Table 2: Change in Annual Mean NO<sub>2</sub> concentrations (µg/m<sup>3</sup>) and relevant IAQM Impact Descriptors at Modelled Receptors – Sensitivity Test Scenario 3 and Illustrative Masterplan

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT001	622805	137745.3	17.2	17.3	0.1	Negligible	17.2	17.3	0.1	Negligible
OTT002	621204	137059.4	22.3	22.5	0.2	Negligible	22.3	22.5	0.2	Negligible
OTT003	620296	136785.4	19.1	19.4	0.3	Negligible	19.1	19.4	0.3	Negligible
OTT004	620374	136738.6	18.4	18.7	0.3	Negligible	18.4	18.7	0.3	Negligible
OTT005	620654	136682.2	17.7	18.1	0.4	Negligible	17.7	18.0	0.3	Negligible
OTT006	620639	136660.8	18.6	19.0	0.4	Negligible	18.6	18.9	0.3	Negligible
OTT007	621071	136570.9	20.1	20.5	0.4	Negligible	20.1	20.5	0.4	Negligible
OTT008	621113	136589	22.5	22.9	0.4	Negligible	22.5	22.8	0.3	Negligible
OTT009	621127	136721.8	17.6	17.8	0.2	Negligible	17.6	17.7	0.1	Negligible
OTT010	621103	136838.3	15.5	15.6	0.1	Negligible	15.5	15.6	0.1	Negligible
OTT011	621224	137186.7	23.9	24.1	0.2	Negligible	23.9	24.1	0.2	Negligible
OTT012	621201	137273.7	19.4	19.5	0.1	Negligible	19.4	19.5	0.1	Negligible
OTT013	621267	137411.1	21.2	21.4	0.2	Negligible	21.2	21.4	0.2	Negligible
OTT014	621141	137516.9	18.7	18.8	0.1	Negligible	18.7	18.8	0.1	Negligible
OTT015	621356	137597.4	23.9	24.1	0.2	Negligible	23.9	24.1	0.2	Negligible



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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT016	621418	137643	27.2	27.5	0.3	Negligible	27.2	27.4	0.2	Negligible
OTT017	621824	138433.9	13.1	13.2	0.1	Negligible	13.1	13.2	0.1	Negligible
OTT018	621606	138216.8	13.0	13.0	0.0	Negligible	13.0	13.0	0.0	Negligible
OTT019	622261	137674.8	19.4	19.5	0.1	Negligible	19.4	19.5	0.1	Negligible
OTT020	622539	137691.2	19.0	19.2	0.2	Negligible	19.0	19.1	0.1	Negligible
OTT021	622637	137639.7	22.2	22.4	0.2	Negligible	22.2	22.4	0.2	Negligible
OTT022	622760	137688.3	20.0	20.1	0.1	Negligible	20.0	20.1	0.1	Negligible
OTT023	622183	138624.5	28.2	28.4	0.2	Negligible	28.2	28.4	0.2	Negligible
OTT024	622249	138748	25.2	25.4	0.2	Negligible	25.2	25.4	0.2	Negligible
OTT025	622106	138950.5	19.5	19.7	0.2	Negligible	19.5	19.7	0.2	Negligible
OTT026	622095	139113.1	16.1	16.2	0.1	Negligible	16.1	16.2	0.1	Negligible
OTT027	621617	139312.9	13.9	14.0	0.1	Negligible	13.9	14.0	0.1	Negligible
OTT028	622823	139279.3	22.0	22.1	0.1	Negligible	22.0	22.1	0.1	Negligible
OTT029	623028	139441.3	28.3	28.6	0.3	Negligible	28.3	28.6	0.3	Negligible
OTT030	623435	139561.4	18.2	18.3	0.1	Negligible	18.2	18.3	0.1	Negligible
OTT031	622818	139681.7	10.7	10.7	0.0	Negligible	10.7	10.7	0.0	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT032	622519	139018.1	18.4	18.5	0.1	Negligible	18.4	18.4	0.0	Negligible
OTT033	617658	137445.2	16.3	16.5	0.2	Negligible	16.3	16.4	0.1	Negligible
OTT034	618216	137292	18.4	18.5	0.1	Negligible	18.4	18.5	0.1	Negligible
OTT035	618978	136980.6	21.1	21.4	0.3	Negligible	21.1	21.4	0.3	Negligible
OTT036	619466	137130.3	23.6	23.9	0.3	Negligible	23.6	23.9	0.3	Negligible
OTT037	619467	137025.9	21.8	22.0	0.2	Negligible	21.8	22.0	0.2	Negligible
OTT038	619579	137232.9	23.4	23.7	0.3	Negligible	23.4	23.7	0.3	Negligible
OTT039	619781	137389	26.1	26.5	0.4	Negligible	26.1	26.5	0.4	Negligible
OTT040	619970	137475	30.3	30.7	0.4	Negligible	30.3	30.7	0.4	Negligible
OTT041	620030	137424.2	19.4	19.6	0.2	Negligible	19.4	19.6	0.2	Negligible
OTT042	619592	136820.6	21.8	22.0	0.2	Negligible	21.8	22.0	0.2	Negligible
OTT043	619858	136695	24.4	24.7	0.3	Negligible	24.4	24.7	0.3	Negligible
OTT044	620083	136742.1	24.4	24.7	0.3	Negligible	24.4	24.7	0.3	Negligible
OTT045	620131	136779.3	23.8	24.2	0.4	Negligible	23.8	24.2	0.4	Negligible
OTT046	620079	136652.4	18.9	19.1	0.2	Negligible	18.9	19.1	0.2	Negligible
OTT047	620180	136794.7	20.7	21.1	0.4	Negligible	20.7	21.1	0.4	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT048	617131	137857.8	13.3	13.3	0.0	Negligible	13.3	13.3	0.0	Negligible
OTT049	616920	138560	16.5	16.7	0.2	Negligible	16.5	16.7	0.2	Negligible
OTT050	616925	139230.6	11.4	11.5	0.1	Negligible	11.4	11.5	0.1	Negligible
OTT051	616878	139238	12.6	12.6	0.0	Negligible	12.6	12.6	0.0	Negligible
OTT052	616611	134996.1	15.1	15.2	0.1	Negligible	15.1	15.2	0.1	Negligible
OTT053	615093	134981.3	18.5	18.7	0.2	Negligible	18.5	18.7	0.2	Negligible
OTT054	615182	134961.3	18.2	18.5	0.3	Negligible	18.2	18.5	0.3	Negligible
OTT055	615232	134915.3	19.4	19.7	0.3	Negligible	19.4	19.6	0.2	Negligible
OTT056	615347	134900.7	17.5	17.7	0.2	Negligible	17.5	17.7	0.2	Negligible
OTT057	615422	135048.6	12.6	12.6	0.0	Negligible	12.6	12.6	0.0	Negligible
OTT058	615357	134884.7	20.8	21.0	0.2	Negligible	20.8	21.0	0.2	Negligible
OTT059	616511	134838.8	19.3	19.4	0.1	Negligible	19.3	19.4	0.1	Negligible
OTT060	616422	134756	21.6	21.8	0.2	Negligible	21.6	21.8	0.2	Negligible
OTT061	615972	134656.4	20.5	20.7	0.2	Negligible	20.5	20.7	0.2	Negligible
OTT062	616585	134895.1	21.5	21.6	0.1	Negligible	21.5	21.6	0.1	Negligible
OTT063	616703	134899.2	23.2	23.3	0.1	Negligible	23.2	23.3	0.1	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT064	617054	134857.7	17.0	17.1	0.1	Negligible	17.0	17.1	0.1	Negligible
OTT065	617826	134888.6	16.3	16.4	0.1	Negligible	16.3	16.4	0.1	Negligible
OTT066	616630	135086.4	15.6	15.7	0.1	Negligible	15.6	15.7	0.1	Negligible
OTT067	616580	134997.8	14.4	14.5	0.1	Negligible	14.4	14.5	0.1	Negligible
OTT068	616763	135132.7	13.8	13.8	0.0	Negligible	13.8	13.8	0.0	Negligible
OTT069	616780	135205.8	13.6	13.6	0.0	Negligible	13.6	13.6	0.0	Negligible
OTT070	616759	135187.5	12.2	12.2	0.0	Negligible	12.2	12.2	0.0	Negligible
OTT071	616919	135651.8	13.8	13.7	-0.1	Negligible	13.8	13.7	-0.1	Negligible
OTT072	617055	135735.1	14.9	14.9	0.0	Negligible	14.9	14.9	0.0	Negligible
OTT073	617414	136077.3	14.0	14.0	0.0	Negligible	14.0	14.0	0.0	Negligible
OTT074	615737	134738.7	21.2	21.0	-0.2	Negligible	21.2	21.0	-0.2	Negligible
OTT075	616199	134779.9	13.6	13.6	0.0	Negligible	13.6	13.6	0.0	Negligible
OTT076	615832	134693.8	24.9	24.7	-0.2	Negligible	24.9	24.7	-0.2	Negligible
OTT077	615345	134665.9	22.1	22.2	0.1	Negligible	22.1	22.2	0.1	Negligible
OTT078	615244	134603.6	22.1	22.1	0.0	Negligible	22.1	22.1	0.0	Negligible
OTT079	615031	134400.3	19.5	19.5	0.0	Negligible	19.5	19.5	0.0	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT080	615022	134450.8	17.5	17.5	0.0	Negligible	17.5	17.5	0.0	Negligible
OTT081	615437	135307.7	12.8	12.9	0.1	Negligible	12.8	12.9	0.1	Negligible
OTT082	615520	135420.8	13.6	13.7	0.1	Negligible	13.6	13.7	0.1	Negligible
OTT083	615664	135700.7	13.9	13.9	0.0	Negligible	13.9	13.9	0.0	Negligible
OTT084	615682	135722.5	12.1	12.2	0.1	Negligible	12.1	12.2	0.1	Negligible
OTT085	615257	135887.6	11.8	11.8	0.0	Negligible	11.8	11.8	0.0	Negligible
OTT086	615537	135749.6	13.1	13.1	0.0	Negligible	13.1	13.1	0.0	Negligible
OTT087	615957	137175.1	16.5	16.7	0.2	Negligible	16.5	16.6	0.1	Negligible
OTT088	614106	135222.8	15.4	15.1	-0.3	Negligible	15.4	15.1	-0.3	Negligible
OTT089	614055	135197	11.3	11.0	-0.3	Negligible	11.3	11.0	-0.3	Negligible
OTT090	614091	135169.5	17.4	13.5	-3.9	Slight Beneficial	17.4	13.5	-3.9	Slight beneficial
OTT091	614982	135091.1	17.8	18.1	0.3	Negligible	17.8	18.1	0.3	Negligible
OTT092	614827	135112.1	13.0	13.1	0.1	Negligible	13.0	13.1	0.1	Negligible
OTT093	614954	135063.7	13.8	13.9	0.1	Negligible	13.8	13.9	0.1	Negligible
OTT094	614721	136791.6	13.4	13.5	0.1	Negligible	13.4	13.5	0.1	Negligible
OTT095	614679	136776.1	12.5	12.6	0.1	Negligible	12.5	12.6	0.1	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT096	614384	137312.6	19.3	19.6	0.3	Negligible	19.3	19.6	0.3	Negligible
OTT097	615867	137122.2	16.3	16.5	0.2	Negligible	16.3	16.5	0.2	Negligible
OTT098	616827	137273.7	18.0	18.3	0.3	Negligible	18.0	18.3	0.3	Negligible
OTT099	614810	137734.2	12.3	12.4	0.1	Negligible	12.3	12.4	0.1	Negligible
OTT100	614908	137920	11.0	11.0	0.0	Negligible	11.0	11.0	0.0	Negligible
OTT101	615503	139404.7	9.7	9.8	0.1	Negligible	9.7	9.8	0.1	Negligible
OTT102	612722	136169.6	17.2	16.2	-1.0	Negligible	17.2	16.3	-0.9	Negligible
OTT103	612740	136199.6	19.4	18.2	-1.2	Negligible	19.4	18.3	-1.1	Negligible
OTT104	612571	136165.1	13.4	12.7	-0.7	Negligible	13.4	12.7	-0.7	Negligible
OTT105	612666	136159.9	14.3	13.5	-0.8	Negligible	14.3	13.5	-0.8	Negligible
OTT106	612704	136111.9	12.8	12.9	0.1	Negligible	12.8	12.9	0.1	Negligible
OTT107	612639	135993.7	11.1	11.3	0.2	Negligible	11.1	11.3	0.2	Negligible
OTT108	612477	135844.8	10.6	10.8	0.2	Negligible	10.6	10.8	0.2	Negligible
OTT109	612336	135466.7	10.7	11.0	0.3	Negligible	10.7	11.0	0.3	Negligible
OTT110	612331	135534.6	10.2	10.4	0.2	Negligible	10.2	10.4	0.2	Negligible
OTT111	612268	135363.6	10.8	11.1	0.3	Negligible	10.8	11.1	0.3	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT112	612268	135406.6	11.0	11.4	0.4	Negligible	11.0	11.4	0.4	Negligible
OTT113	612139	135225.6	10.4	10.5	0.1	Negligible	10.4	10.5	0.1	Negligible
OTT114	612172	135274.2	10.4	10.6	0.2	Negligible	10.4	10.6	0.2	Negligible
OTT115	612276	134967.6	11.9	10.9	-1.0	Negligible	11.9	10.9	-1.0	Negligible
OTT116	612367	135029.2	11.6	10.9	-0.7	Negligible	11.6	10.9	-0.7	Negligible
OTT117	613979	135554.8	18.5	21.9	3.4	Slight Adverse	18.5	21.8	3.3	Slight Adverse
OTT118	613936	135617.3	15.5	17.7	2.2	Slight Adverse	15.5	17.7	2.2	Slight Adverse
OTT119	613921	135696.5	13.8	15.3	1.5	Negligible	13.8	15.3	1.5	Negligible
OTT120	612784	136396.3	11.9	11.8	-0.1	Negligible	11.9	11.9	0.0	Negligible
OTT121	612795	136711.2	10.9	10.9	0.0	Negligible	10.9	10.9	0.0	Negligible
OTT122	612805	136831.2	11.1	11.0	-0.1	Negligible	11.1	11.0	-0.1	Negligible
OTT123	612915	137384.2	19.3	19.8	0.5	Negligible	19.3	19.8	0.5	Negligible
OTT124	612903	137488.7	29.9	30.9	1.0	Slight Adverse	29.9	30.9	1.0	Slight Adverse
OTT125	612870	137532.2	20.3	20.8	0.5	Negligible	20.3	20.8	0.5	Negligible
OTT126	612964	138438.9	10.7	10.7	0.0	Negligible	10.7	10.7	0.0	Negligible
OTT127	613016	138700.2	16.3	16.3	0.0	Negligible	16.3	16.3	0.0	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT128	611993	134988.7	10.7	10.1	-0.6	Negligible	10.7	10.1	-0.6	Negligible
OTT129	611880	134983.6	10.8	10.1	-0.7	Negligible	10.8	10.1	-0.7	Negligible
OTT130	611911	134962.2	13.5	11.9	-1.6	Negligible	13.5	12.0	-1.5	Negligible
OTT131	611556	134982.2	13.7	12.0	-1.7	Negligible	13.7	12.0	-1.7	Negligible
OTT132	611421	134993.4	14.0	12.1	-1.9	Negligible	14.0	12.2	-1.8	Negligible
OTT133	610947	135189.9	14.5	12.7	-1.8	Negligible	14.5	12.7	-1.8	Negligible
OTT134	610950	135218.2	14.6	12.4	-2.2	Slight Beneficial	14.6	12.4	-2.2	Slight Beneficial
OTT135	610677	135323.8	9.8	9.8	0.0	Negligible	9.8	9.8	0.0	Negligible
OTT136	611014	136532.3	12.2	11.4	-0.8	Negligible	12.2	11.3	-0.9	Negligible
OTT137	612108	135112.8	11.0	11.2	0.2	Negligible	11.0	11.2	0.2	Negligible
OTT138	612082	135125.4	11.0	11.2	0.2	Negligible	11.0	11.2	0.2	Negligible
OTT139	612054	134984.3	11.8	11.1	-0.7	Negligible	11.8	11.1	-0.7	Negligible
OTT140	612059	135052.3	12.1	12.3	0.2	Negligible	12.1	12.3	0.2	Negligible
OTT141	610880	137142.1	15.5	15.4	-0.1	Negligible	15.5	15.3	-0.2	Negligible
OTT142	610853	137147.4	14.1	14.0	-0.1	Negligible	14.1	14.0	-0.1	Negligible
OTT143	610853	137285.6	17.2	17.0	-0.2	Negligible	17.2	17.0	-0.2	Negligible



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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT144	610802	137372.1	13.9	13.8	-0.1	Negligible	13.9	13.8	-0.1	Negligible
OTT145	610654	137673.5	18.3	18.6	0.3	Negligible	18.3	18.5	0.2	Negligible
OTT146	610732	137616.3	20.7	20.6	-0.1	Negligible	20.7	20.6	-0.1	Negligible
OTT147	610581	137970.5	18.9	18.5	-0.4	Negligible	18.9	18.5	-0.4	Negligible
OTT148	610553	138002.5	18.6	18.2	-0.4	Negligible	18.6	18.2	-0.4	Negligible
OTT149	608757	138627.9	12.1	11.9	-0.2	Negligible	12.1	11.9	-0.2	Negligible
OTT150	610150	135266.5	10.3	10.3	0.0	Negligible	10.3	10.3	0.0	Negligible
OTT151	610330	138167.9	15.7	15.4	-0.3	Negligible	15.7	15.4	-0.3	Negligible
OTT152	610347	138118.6	16.2	15.9	-0.3	Negligible	16.2	15.9	-0.3	Negligible
OTT153	609963	138309.5	17.5	17.0	-0.5	Negligible	17.5	17.0	-0.5	Negligible
OTT154	610122	138273.1	16.2	15.8	-0.4	Negligible	16.2	15.8	-0.4	Negligible
OTT155	609693	138372.9	16.9	16.5	-0.4	Negligible	16.9	16.5	-0.4	Negligible
OTT156	609497	138467.1	15.8	15.4	-0.4	Negligible	15.8	15.4	-0.4	Negligible
OTT157	609036	138491.1	18.8	18.2	-0.6	Negligible	18.8	18.2	-0.6	Negligible
OTT158	609461	138036.8	26.5	27.3	0.8	Negligible	26.5	27.3	0.8	Negligible
OTT159	610387	137829.8	28.8	29.7	0.9	Negligible	28.8	29.6	0.8	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT160	610449	137837.1	23.3	23.9	0.6	Negligible	23.3	23.8	0.5	Negligible
OTT161	608193	138840.3	11.2	11.3	0.1	Negligible	11.2	11.3	0.1	Negligible
OTT162	607916	139063.4	15.5	14.9	-0.6	Negligible	15.5	15.0	-0.5	Negligible
OTT163	607472	139277.9	12.9	12.6	-0.3	Negligible	12.9	12.6	-0.3	Negligible
OTT164	607721	139195	11.9	11.7	-0.2	Negligible	11.9	11.7	-0.2	Negligible
OTT165	607047	139307.3	12.8	12.9	0.1	Negligible	12.8	12.9	0.1	Negligible
OTT166	607192	139516.2	11.6	11.6	0.0	Negligible	11.6	11.6	0.0	Negligible
OTT167	607287	139759.5	10.2	10.3	0.1	Negligible	10.2	10.3	0.1	Negligible
OTT168	612850	135078.3	9.9	9.5	-0.4	Negligible	9.9	9.5	-0.4	Negligible
OTT169	612476	134626.6	12.2	12.5	0.3	Negligible	12.2	12.5	0.3	Negligible
OTT170	612461	134581.5	10.5	10.6	0.1	Negligible	10.5	10.6	0.1	Negligible
OTT171	609296	138679.1	12.3	12.3	0.0	Negligible	12.3	12.3	0.0	Negligible
OTT172	609200	138754.9	11.5	11.5	0.0	Negligible	11.5	11.5	0.0	Negligible
OTT173	609196	138435.8	14.1	14.0	-0.1	Negligible	14.1	14.0	-0.1	Negligible
OTT174	607102	139252.6	12.8	12.9	0.1	Negligible	12.8	12.9	0.1	Negligible
OTT175	606938	139336.7	12.1	12.2	0.1	Negligible	12.1	12.2	0.1	Negligible

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT176	606894	139144.1	13.8	13.9	0.1	Negligible	13.8	13.9	0.1	Negligible
OTT177	606435	139813.4	13.2	13.1	-0.1	Negligible	13.2	13.1	-0.1	Negligible
OTT178	605649	140254.5	18.6	18.6	0.0	Negligible	18.6	18.6	0.0	Negligible
OTT179	605399	139979.3	11.2	11.3	0.1	Negligible	11.2	11.3	0.1	Negligible
OTT180	604565	140975.6	14.6	14.7	0.1	Negligible	14.6	14.7	0.1	Negligible
OTT181	604323	141405	14.5	14.6	0.1	Negligible	14.5	14.6	0.1	Negligible
OTT182	604167	141362.3	17.3	17.3	0.0	Negligible	17.3	17.3	0.0	Negligible
OTT183	604199	141407.3	16.1	16.2	0.1	Negligible	16.1	16.2	0.1	Negligible
OTT184	604016	141610.8	17.5	17.5	0.0	Negligible	17.5	17.5	0.0	Negligible
OTT185	604078	141623.5	14.8	14.8	0.0	Negligible	14.8	14.8	0.0	Negligible
OTT186	603623	141520.6	16.5	16.5	0.0	Negligible	16.5	16.5	0.0	Negligible
OTT187	603585	141198.1	15.3	15.3	0.0	Negligible	15.3	15.3	0.0	Negligible
OTT188	603602	140854.7	15.2	15.2	0.0	Negligible	15.2	15.2	0.0	Negligible
OTT189	603595	141413.8	15.3	15.4	0.1	Negligible	15.3	15.4	0.1	Negligible
OTT190	603504	141768.5	18.9	19.0	0.1	Negligible	18.9	19.0	0.1	Negligible
OTT191	603427	141874.4	19.3	19.4	0.1	Negligible	19.3	19.4	0.1	Negligible

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT192	603734	141836.1	18.2	18.2	0.0	Negligible	18.2	18.2	0.0	Negligible
OTT193	603547	141898.7	20.0	20.0	0.0	Negligible	20.0	20.0	0.0	Negligible
OTT194	603394	142071.6	23.7	23.8	0.1	Negligible	23.7	23.8	0.1	Negligible
OTT195	603755	141989.7	14.6	14.7	0.1	Negligible	14.6	14.7	0.1	Negligible
OTT196	603368	142558.3	17.1	17.2	0.1	Negligible	17.1	17.2	0.1	Negligible
OTT197	603646	141900	18.0	18.0	0.0	Negligible	18.0	18.0	0.0	Negligible
OTT198	602964	142430.7	20.7	20.8	0.1	Negligible	20.7	20.8	0.1	Negligible
OTT199	602976	142549.9	23.7	23.8	0.1	Negligible	23.7	23.8	0.1	Negligible
OTT200	601337	143583.1	23.5	23.6	0.1	Negligible	23.5	23.6	0.1	Negligible
OTT201	601087	143889.7	19.0	19.1	0.1	Negligible	19.0	19.1	0.1	Negligible
OTT202	600826	144087.7	17.3	17.3	0.0	Negligible	17.3	17.3	0.0	Negligible
OTT203	599463	145051.7	15.6	15.7	0.1	Negligible	15.6	15.7	0.1	Negligible
OTT204	599544	145120.6	17.2	17.2	0.0	Negligible	17.2	17.2	0.0	Negligible
OTT205	611299	136228.9	9.7	9.6	-0.1	Negligible	9.7	9.6	-0.1	Negligible
OTT206	612906	137136	12.1	12.4	0.3	Negligible	12.1	12.2	0.1	Negligible
OTT207	612363	137154.5	11.4	11.5	0.1	Negligible	11.4	11.4	0.0	Negligible

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
OTT208	612909	137264.5	13.6	13.8	0.2	Negligible	13.6	13.7	0.1	Negligible
OTT209	612099	137193.7	11.3	11.3	0.0	Negligible	11.3	11.3	0.0	Negligible
OTT210	613182	136938.4	11.4	11.6	0.2	Negligible	11.4	11.6	0.2	Negligible
FUT001	610852	136762.3	n/a	9.8	n/a	Future receptor	n/a	9.8	n/a	Future receptor
FUT002	610852	136740.5	n/a	9.8	n/a	Future receptor	n/a	9.8	n/a	Future receptor
FUT003	610722	136778.1	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT004	610721	136797.3	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT005	610639	136893.1	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT006	610615	136769.2	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT007	610600	136772	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT008	610604	136661.1	n/a	9.3	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT009	610588	136663.4	n/a	9.3	n/a	Future receptor	n/a	9.3	n/a	Future receptor
FUT010	610728	136244.9	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT011	610646	136233	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT012	610622	136227.9	n/a	9.0	n/a	Future receptor	n/a	9.0	n/a	Future receptor
FUT013	610596	136508.1	n/a	9.1	n/a	Future receptor	n/a	9.1	n/a	Future receptor

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT014	610566	136509.6	n/a	9.1	n/a	Future receptor	n/a	9.1	n/a	Future receptor
FUT015	610079	136898.8	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT016	610091	136850.8	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT017	610646	137003.3	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT018	610117	136854.3	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT019	612919	136485	n/a	13.4	n/a	Future receptor	n/a	13.9	n/a	Future receptor
FUT020	612921	136510	n/a	13.0	n/a	Future receptor	n/a	13.5	n/a	Future receptor
FUT021	612799	136503.4	n/a	13.1	n/a	Future receptor	n/a	13.9	n/a	Future receptor
FUT022	612765	136357.4	n/a	11.8	n/a	Future receptor	n/a	11.8	n/a	Future receptor
FUT023	612730	136487.3	n/a	11.6	n/a	Future receptor	n/a	12.0	n/a	Future receptor
FUT024	612758	136521.1	n/a	11.7	n/a	Future receptor	n/a	12.1	n/a	Future receptor
FUT025	612599	136559	n/a	11.5	n/a	Future receptor	n/a	11.8	n/a	Future receptor
FUT026	612558	136536.7	n/a	11.5	n/a	Future receptor	n/a	11.9	n/a	Future receptor
FUT027	612363	136474.8	n/a	10.8	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT028	612408	136399.5	n/a	10.9	n/a	Future receptor	n/a	11.0	n/a	Future receptor
FUT029	612334	136599.9	n/a	12.2	n/a	Future receptor	n/a	12.4	n/a	Future receptor

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT030	612222	136605.8	n/a	11.9	n/a	Future receptor	n/a	11.9	n/a	Future receptor
FUT031	612440	136517.8	n/a	10.7	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT032	612457	136666.3	n/a	10.7	n/a	Future receptor	n/a	11.0	n/a	Future receptor
FUT033	612584	136879.3	n/a	11.2	n/a	Future receptor	n/a	11.0	n/a	Future receptor
FUT034	612565	136885.5	n/a	11.1	n/a	Future receptor	n/a	10.9	n/a	Future receptor
FUT035	612117	136579.1	n/a	12.7	n/a	Future receptor	n/a	12.8	n/a	Future receptor
FUT036	611871	136661.5	n/a	12.0	n/a	Future receptor	n/a	12.0	n/a	Future receptor
FUT037	612445	136215.6	n/a	11.5	n/a	Future receptor	n/a	11.5	n/a	Future receptor
FUT038	612362	136314.9	n/a	12.2	n/a	Future receptor	n/a	12.2	n/a	Future receptor
FUT039	612060	136320.6	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor
FUT040	612247	136416.4	n/a	12.8	n/a	Future receptor	n/a	12.8	n/a	Future receptor
FUT041	613100	136628.9	n/a	16.5	n/a	Future receptor	n/a	16.8	n/a	Future receptor
FUT042	612036	136293.8	n/a	10.3	n/a	Future receptor	n/a	10.3	n/a	Future receptor
FUT043	611977	136221.4	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT044	611960	136231.2	n/a	9.6	n/a	Future receptor	n/a	9.6	n/a	Future receptor
FUT045	611938	136157.5	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT046	611856	136048.2	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT047	611738	136099.5	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT048	611752	136105.8	n/a	9.4	n/a	Future receptor	n/a	9.4	n/a	Future receptor
FUT049	611594	136240.7	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT050	611486	136174.8	n/a	9.5	n/a	Future receptor	n/a	9.5	n/a	Future receptor
FUT051	611670	135870.4	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT052	611810	135987.6	n/a	10.3	n/a	Future receptor	n/a	10.3	n/a	Future receptor
FUT053	611524	135861.6	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT054	611488	135883.4	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT055	611439	135862.8	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT056	611503	135811.3	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT057	611498	135619.7	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT058	611483	135622.3	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT059	611317	135866.1	n/a	10.3	n/a	Future receptor	n/a	10.3	n/a	Future receptor
FUT060	611216	135932.2	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor
FUT061	611102	135950.7	n/a	10.8	n/a	Future receptor	n/a	10.8	n/a	Future receptor



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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT062	611409	135429	n/a	10.0	n/a	Future receptor	n/a	10.0	n/a	Future receptor
FUT063	611436	135443.6	n/a	10.0	n/a	Future receptor	n/a	10.0	n/a	Future receptor
FUT064	611300	135409	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT065	611194	135395.1	n/a	10.1	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT066	611070	135401.4	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor
FUT067	611066	135362.9	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor
FUT068	611183	135357.2	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT069	611303	135374.9	n/a	10.1	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT070	610984	135456.7	n/a	10.8	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT071	610979	135410	n/a	10.8	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT072	610934	135517.8	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT073	610825	135543.2	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT074	610808	135608.9	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT075	610775	135599	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT076	610798	135524.9	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT077	610931	135489.9	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor

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Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT078	610742	135721.6	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT079	610714	135834	n/a	8.7	n/a	Future receptor	n/a	8.7	n/a	Future receptor
FUT080	610762	135839.1	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT081	610783	135724.8	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT082	610695	135985.2	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT083	610901	135959.6	n/a	9.1	n/a	Future receptor	n/a	9.1	n/a	Future receptor
FUT084	610656	136083.6	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT085	610636	136078.8	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT086	611055	136711	n/a	13.1	n/a	Future receptor	n/a	13.0	n/a	Future receptor
FUT087	611231	136648.6	n/a	11.9	n/a	Future receptor	n/a	11.9	n/a	Future receptor
FUT088	611177	136724	n/a	12.1	n/a	Future receptor	n/a	12.1	n/a	Future receptor
FUT089	611199	136817.7	n/a	10.5	n/a	Future receptor	n/a	10.5	n/a	Future receptor
FUT090	611536	136671	n/a	12.0	n/a	Future receptor	n/a	12.0	n/a	Future receptor
FUT091	611624	136677.3	n/a	11.9	n/a	Future receptor	n/a	11.9	n/a	Future receptor
FUT092	611736	136689	n/a	11.8	n/a	Future receptor	n/a	11.8	n/a	Future receptor
FUT093	611706	136848.4	n/a	10.4	n/a	Future receptor	n/a	10.4	n/a	Future receptor

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT094	611455	136794.9	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT095	611453	136810.1	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT096	611011	136969.8	n/a	10.7	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT097	611071	136898.3	n/a	10.6	n/a	Future receptor	n/a	10.6	n/a	Future receptor
FUT098	611315	137099.2	n/a	10.7	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT099	611301	137102.1	n/a	10.7	n/a	Future receptor	n/a	10.7	n/a	Future receptor
FUT100	611209	137251.5	n/a	11.1	n/a	Future receptor	n/a	11.1	n/a	Future receptor
FUT101	611219	137263.6	n/a	11.1	n/a	Future receptor	n/a	11.1	n/a	Future receptor
FUT102	611694	137162.9	n/a	10.8	n/a	Future receptor	n/a	10.8	n/a	Future receptor
FUT103	611769	137092	n/a	10.9	n/a	Future receptor	n/a	10.9	n/a	Future receptor
FUT104	610073	136855.5	n/a	9.2	n/a	Future receptor	n/a	9.2	n/a	Future receptor
FUT105	609981	136817.7	n/a	8.9	n/a	Future receptor	n/a	8.9	n/a	Future receptor
FUT106	609798	136747.5	n/a	8.8	n/a	Future receptor	n/a	8.8	n/a	Future receptor
FUT107	610058	137120.4	n/a	9.9	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT108	610062	137134.7	n/a	10.0	n/a	Future receptor	n/a	10.0	n/a	Future receptor
FUT109	609853	137181	n/a	9.7	n/a	Future receptor	n/a	9.7	n/a	Future receptor

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Appendix 6.8 – Scenario 2 and 3 Operational Phase Local Air Quality Receptor Results

Receptor	X	Y	Scenario 3 (2030 Development Specification + Link Road)				Illustrative Masterplan 2030			
			Without development 2030	With Development 2030	Change 2030	Impact Descriptor 2030	Without Development 2030	With Development 2030	Change 2030	Impact Descriptor 2030
FUT110	610128	137115.1	n/a	10.0	n/a	Future receptor	n/a	10.0	n/a	Future receptor
FUT111	610124	137100	n/a	9.9	n/a	Future receptor	n/a	9.9	n/a	Future receptor
FUT112	610154	137134.8	n/a	10.0	n/a	Future receptor	n/a	10.0	n/a	Future receptor
FUT113	610187	137200.2	n/a	10.2	n/a	Future receptor	n/a	10.1	n/a	Future receptor
FUT114	610098	137000	n/a	9.8	n/a	Future receptor	n/a	9.8	n/a	Future receptor
FUT115	610398	137157.7	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT116	610415	137168.6	n/a	10.2	n/a	Future receptor	n/a	10.2	n/a	Future receptor
FUT117	611975	136577.5	n/a	12.9	n/a	Future receptor	n/a	12.9	n/a	Future receptor
FUT118	611809	136634.7	n/a	13.2	n/a	Future receptor	n/a	13.2	n/a	Future receptor
FUT119	612165	136529.9	n/a	12.9	n/a	Future receptor	n/a	12.9	n/a	Future receptor
FUT120	611008	135883.2	n/a	14.9	n/a	Future receptor	n/a	14.8	n/a	Future receptor
FUT121	611005	136016.4	n/a	14.9	n/a	Future receptor	n/a	14.8	n/a	Future receptor
FUT122	613166	136682.3	n/a	17.1	n/a	Future receptor	n/a	17.5	n/a	Future receptor
FUT123	612486	136255.8	n/a	13.1	n/a	Future receptor	n/a	13.1	n/a	Future receptor
FUT124	612893	136400.9	n/a	15.9	n/a	Future receptor	n/a	16.0	n/a	Future receptor

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