

Appendix M

Operational noise results- road traffic tables

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Kingsgrove – Predicted daytime $L_{Aeq(15\text{hour})}$ noise level – Properties eligible for the consideration of noise mitigation

ID	Address	Use	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
9382	1 Kirrang Street, Beverly Hills	Residential	60	64	65	1.2	64	65	0.6	Yes	Yes

Kingsgrove – Predicted night-time $L_{Aeq(9\text{hour})}$ noise level – Properties eligible for the consideration of noise mitigation

ID	Address	Use	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
9382	1 Kirrang Street, Beverly Hills	Residential	55	60	60	0.2	61	60	-1.1	Yes	Yes

St Peters Interchange - Predicted daytime $L_{Aeq(15\text{hour})}$ predicted noise levels – Properties eligible for the consideration of noise mitigation

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
1424	220-230 Lawrence Street Alexandria	Residential Redeveloped	60	58	59	0.6	58	61	2.2	No	Yes
1629	93-103 Euston Road Alexandria	Residential Redeveloped	60	71	74	2.8	71	76	4.4	Yes	Yes
1984	125 Euston Road Alexandria	Residential Redeveloped	60	72	74	1.7	71	76	4.7	Yes	Yes
2012	288-302 Lawrence Street Alexandria	Residential Redeveloped	60	67	66	-0.5	67	68	1.0	Yes	Yes
3439	58 Hutchinson Street St Peters	Residential New	55	53	54	1.1	53	55	2.6	No	No
3443	71 Hutchinson Street St Peters	Residential New	55	52	54	2.1	52	55	3.4	No	No
3445	73 Hutchinson Street St	Residential	55	52	55	2.5	52	56	3.8	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
	Peters	New									
3454	60 Hutchinson Street St Peters	Residential New	55	54	56	2.4	54	58	3.7	No	Yes
3456	68 Hutchinson Street St Peters	Residential New	55	57	59	2.9	57	61	4.2	Yes	Yes
3457	77 Hutchinson Street St Peters	Residential New	55	55	58	3.3	55	59	4.5	No	Yes
3459	79 Hutchinson Street St Peters	Residential New	55	55	59	3.3	55	60	4.5	Yes	Yes
3461	51 Lackey Street St Peters	Residential New	55	56	59	3.0	56	60	4.3	Yes	Yes
3462	55 Lackey Street St Peters	Residential New	55	56	59	3.1	56	60	4.4	Yes	Yes
3465	53 Lackey Street St Peters	Residential New	55	56	59	3.1	56	60	4.3	Yes	Yes
3467	47 Lackey Street St Peters	Residential New	55	56	59	3.1	56	60	4.4	Yes	Yes
3468	81 Hutchinson Street St Peters	Residential New	55	56	59	3.2	56	60	4.5	Yes	Yes
3469	49 Lackey Street St Peters	Residential New	55	56	59	3.0	56	60	4.3	Yes	Yes
3470	41 Lackey Street St Peters	Residential New	55	55	59	3.2	55	60	4.5	Yes	Yes
3473	43 Lackey Street St Peters	Residential New	55	55	59	3.2	55	60	4.5	Yes	Yes
3474	45 Lackey Street St Peters	Residential New	55	55	59	3.3	55	60	4.6	Yes	Yes
3477	35 Lackey Street St Peters	Residential New	55	55	58	3.0	55	59	4.3	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3479	83 Hutchinson Street St Peters	Residential New	55	56	59	3.1	56	61	4.3	Yes	Yes
3480	39 Lackey Street St Peters	Residential New	55	55	59	3.2	55	60	4.5	Yes	Yes
3481	37 Lackey Street St Peters	Residential New	55	55	58	3.1	55	60	4.4	Yes	Yes
3482	33 Lackey Street St Peters	Residential New	55	55	58	3.1	55	59	4.4	No	Yes
3484	31 Lackey Street St Peters	Residential New	55	55	58	3.1	55	59	4.4	No	Yes
3485	23 Lackey Street St Peters	Residential New	55	54	57	2.9	54	59	4.2	No	Yes
3486	29 Lackey Street St Peters	Residential New	55	55	58	3.2	55	59	4.5	No	Yes
3487	27 Lackey Street St Peters	Residential New	55	55	58	2.9	55	59	4.2	No	Yes
3488	25 Lackey Street St Peters	Residential New	55	55	58	3.1	55	59	4.4	No	Yes
3489	21 Lackey Street St Peters	Residential New	55	54	56	2.5	54	57	3.9	No	Yes
3490	85 Hutchinson Street St Peters	Residential New	55	57	60	3.1	52	56	3.3	Yes	Yes
3494	19 Lackey Street St Peters	Residential New	55	53	55	2.2	53	56	3.6	No	Yes
3511	87 Hutchinson Street St Peters	Residential New	55	57	60	3.3	57	62	4.5	Yes	Yes
3518	35 Barwon Park Road St Peters	Residential New	55	53	55	2.1	53	56	3.5	No	Yes
3526	65 Crown Street St Peters	Residential New	55	55	53	-1.7	51	56	4.7	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3527	31 Barwon Park Road St Peters	Residential New	55	52	55	2.3	52	56	3.8	No	Yes
3533	67 Crown Street St Peters	Residential New	55	55	53	-1.5	51	56	4.7	No	Yes
3544	71 Crown Street St Peters	Residential New	55	51	54	2.3	51	55	4.1	No	No
3548	38 Crown Street St Peters	Residential New	55	52	54	1.7	52	55	3.3	No	No
3551	67 Campbell Road St Peters	Residential New	55	62	64	1.8	62	65	3.1	Yes	Yes
3553	73 Crown Street St Peters	Residential New	55	53	55	1.7	53	57	3.4	No	Yes
3555	63 Campbell Street St Peters	Residential New	55	69	68	-0.3	69	70	1.0	Yes	Yes
3557	75 Crown Street St Peters	Residential New	55	56	57	0.8	53	60	6.9	Yes	Yes
3558	44 Crown Street St Peters	Residential New	55	54	57	2.8	54	58	3.9	No	Yes
3560	47 Barwon Park Road St Peters	Residential New	55	55	59	4.1	55	60	4.9	Yes	Yes
3562	49 Barwon Park Road St Peters	Residential New	55	56	61	4.5	56	61	5.1	Yes	Yes
3565	51 Barwon Park Road St Peters	Residential New	55	58	62	4.2	58	63	4.8	Yes	Yes
3570	25 Campbell Road St Peters	Residential New	55	71	73	1.1	71	73	1.9	Yes	Yes
3573	29 Campbell Road St Peters	Residential New	55	73	72	-0.3	72	73	1.8	Yes	Yes
3576	27 Campbell Road St Peters	Residential New	55	71	73	1.2	71	73	1.9	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3577	21 Campbell Road St Peters	Residential New	55	71	73	1.3	71	74	2.1	Yes	Yes
3671	2 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3672	6 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3673	8 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3674	10 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3675	12 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3676	14 Campbell Road Alexandria	Residential New	55	69	72	3.3	69	73	3.8	Yes	Yes
3677	16 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3678	18 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3679	20 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3680	32 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	4.0	Yes	Yes
3681	24 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3682	22 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3683	26 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	4.0	Yes	Yes
3684	28 Campbell Road Alexandria	Residential New	55	69	72	3.5	69	73	4.0	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3685	30 Campbell Road Alexandria	Residential New	55	69	72	3.4	69	73	3.9	Yes	Yes
3686	32 Campbell Road Alexandria	Residential New	55	63	68	4.8	63	69	5.7	Yes	Yes
3687	23-29 Campbell Road St Peters	Residential New	55	71	73	1.3	71	73	2.0	Yes	Yes
3688	19 Campbell Road St Peters	Residential New	55	71	73	1.4	71	74	2.2	Yes	Yes
3689	53 Barwon Park Road St Peters	Residential New	55	71	73	2.2	71	74	3.0	Yes	Yes
3795	75 Church Street St Peters	Residential New	55	59	67	8.1	59	68	9.1	Yes	Yes
3797	3 Brown Street St Peters	Residential New	55	56	68	12.8	56	69	13.8	Yes	Yes
3805	77 Church Street St Peters	Residential New	55	57	65	7.2	57	65	8.1	Yes	Yes
3808	5 Brown Street St Peters	Residential New	55	56	63	7.7	56	65	8.9	Yes	Yes
3809	79 Church Street St Peters	Residential New	55	55	64	9.5	55	65	10.4	Yes	Yes
3817	81 Church Street St Peters	Residential New	55	52	64	11.5	52	64	12.3	Yes	Yes
3818	4 St Peters Street St Peters	Residential New	55	52	65	13.1	52	66	14.2	Yes	Yes
3822	7 Brown Street St Peters	Residential New	55	54	62	8.5	54	63	9.6	Yes	Yes
3826	6 St Peters Street St Peters	Residential New	55	55	62	7.5	50	60	9.2	Yes	Yes
3829	83 Church Street St Peters	Residential New	55	55	62	7.4	55	63	8.6	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3831	9 Brown Street St Peters	Residential New	55	53	62	8.7	53	63	9.8	Yes	Yes
3834	7 Florence Street St Peters	Residential New	55	48	66	17.4	48	67	18.5	Yes	Yes
3838	1b St Peters Street St Peters	Residential New	55	56	65	8.7	56	66	9.8	Yes	Yes
3839	8 St Peters Street St Peters	Residential New	55	53	60	6.9	53	61	8.2	Yes	Yes
3840	85 Church Street St Peters	Residential New	55	50	61	11.8	50	62	12.6	Yes	Yes
3843	10 Brown Street St Peters	Residential New	55	50	64	13.8	50	65	14.9	Yes	Yes
3846	11 Brown Street St Peters	Residential New	55	52	59	7.2	55	58	2.3	No	Yes
3849	9 Florence Street St Peters	Residential New	55	50	61	10.5	49	59	10.0	Yes	Yes
3851	4 Florence Street St Peters	Residential New	55	50	64	14.5	50	65	15.7	Yes	Yes
3852	87 Church Street St Peters	Residential New	55	54	60	5.9	54	61	7.1	Yes	Yes
3855	1/12 Brown Street St Peters	Residential New	55	50	59	9.2	52	59	6.6	No	Yes
3856	11 Florence Street St Peters	Residential New	55	52	61	8.7	50	60	10.1	Yes	Yes
3859	13 Brown Street St Peters	Residential New	55	52	58	6.1	52	59	7.4	No	Yes
3860	6 Florence Street St Peters	Residential New	55	51	60	9.4	51	61	10.6	Yes	Yes
3861	5 St Peters Street St Peters	Residential New	55	55	63	7.5	55	64	8.7	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3862	89 Church Street St Peters	Residential New	55	53	59	5.4	53	60	6.7	Yes	Yes
3867	1/12 Brown Street St Peters	Residential New	55	52	61	9.2	52	62	10.3	Yes	Yes
3868	12 St Peters Street St Peters	Residential New	55	53	58	5.0	53	59	6.3	No	Yes
3872	16 Brown Street St Peters	Residential New	55	52	56	4.2	52	57	5.4	No	Yes
3873	7 St Peters Street St Peters	Residential New	55	52	58	5.5	52	59	6.8	No	Yes
3874	91a Church Street St Peters	Residential New	55	52	57	4.8	52	58	6.2	No	Yes
3877	15 Brown Street St Peters	Residential New	55	52	56	4.9	52	58	6.2	No	Yes
3882	13 Florence Street St Peters	Residential New	55	51	58	7.3	51	59	8.5	No	Yes
3883	8 Florence Street St Peters	Residential New	55	54	61	7.3	54	62	8.5	Yes	Yes
3885	17 Brown Street St Peters	Residential New	55	51	56	4.4	51	57	5.7	No	Yes
3887	91b Church Street St Peters	Residential New	55	53	57	4.4	53	59	5.8	No	Yes
3890	9 St Peters Street St Peters	Residential New	55	48	55	6.2	48	56	7.5	No	Yes
3894	16 St Peters Street St Peters	Residential New	55	51	55	3.6	51	56	5.1	No	Yes
3895	18 St Peters Street St Peters	Residential New	55	52	58	5.6	52	59	6.9	No	Yes
3896	91c Church Street St Peters	Residential New	55	52	56	3.9	52	58	5.4	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3897	22 Brown Street St Peters	Residential New	55	50	54	4.5	50	55	5.8	No	No
3899	19 Brown Street St Peters	Residential New	55	51	55	3.2	51	56	4.5	No	Yes
3903	10 Florence Street St Peters	Residential New	55	52	57	4.9	52	58	6.1	No	Yes
3907	15 Florence Street St Peters	Residential New	55	50	56	6.0	50	57	7.3	No	Yes
3908	91d Church Street St Peters	Residential New	55	53	56	3.4	53	58	5.0	No	Yes
3909	12 Florence Street St Peters	Residential New	55	52	57	4.8	52	58	6.1	No	Yes
3910	11 St Peters Street St Peters	Residential New	55	51	56	5.9	51	58	7.2	No	Yes
3913	21 Brown Street St Peters	Residential New	55	51	54	3.1	51	55	4.4	No	No
3914	24 Brown Street St Peters	Residential New	55	50	54	4.2	50	56	5.5	No	Yes
3916	14 Florence Street St Peters	Residential New	55	52	56	3.9	52	57	5.2	No	Yes
3921	17 Florence Street St Peters	Residential New	55	51	55	4.6	51	57	5.9	No	Yes
3923	13 St Peters Street St Peters	Residential New	55	51	56	5.5	51	58	6.8	No	Yes
3925	16 Florence Street St Peters	Residential New	55	51	56	4.3	51	57	5.7	No	Yes
3926	18 St Peters Street St Peters	Residential New	55	51	54	3.1	51	55	4.3	No	No
3927	23 Brown Street St Peters	Residential New	55	51	53	2.6	51	55	4.0	No	No

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3928	18 Florence Street St Peters	Residential New	55	52	55	3.8	52	57	5.2	No	Yes
3934	19 Florence Street St Peters	Residential New	55	51	55	4.3	51	56	5.6	No	Yes
3935	20 Florence Street St Peters	Residential New	55	51	55	3.9	51	56	5.3	No	Yes
3936	15 St Peters Street St Peters	Residential New	55	52	57	5.3	52	58	6.6	No	Yes
3940	17 St Peters Street St Peters	Residential New	55	50	54	3.4	50	56	5.2	No	Yes
4059	8/635 Gardeners Road Mascot	Residential New	55	59	60	1.7	59	63	4.2	Yes	Yes
4086	21 St Peters Street St Peters	Residential New	55	50	53	3.2	50	55	4.8	No	No
4089	23 St Peters Street St Peters	Residential New	55	51	54	2.9	51	55	4.7	No	No
4090	24 Florence Street St Peters	Residential New	55	50	54	3.3	50	55	4.7	No	No
4092	21 Florence Street St Peters	Residential New	55	51	55	3.9	51	56	5.3	No	Yes
4096	30 Brown Street St Peters	Residential New	55	50	53	3.5	50	55	4.9	No	No
4099	31 St Peters Street St Peters	Residential New	55	52	56	3.9	52	57	5.3	No	Yes
4100	25 Brown Street St Peters	Residential New	55	51	53	2.3	51	54	3.7	No	No
4103	26 Florence Street St Peters	Residential New	55	50	53	3.1	50	54	4.6	No	No
4115	29 Florence Street St Peters	Residential New	55	50	53	2.6	50	55	4.1	No	No

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
4117	31 St Peters Street St Peters	Residential New	55	51	54	3.2	51	56	4.9	No	Yes

Note1: The noise criterion for a School is an internal noise level. Façade noise levels have been reported in this table. A reduction of 12.5 dB(A) with open window and 22.5 dB(A) with windows closed can be assumed (accounting for façade reflection in the calculation). The $L_{Aeq(15\text{hour})}$ and $L_{Aeq(1\text{hour})}$ during school hours have been found to be around the same level, requiring no correction.

St Peters Interchange $L_{Aeq(9\text{hour})}$ predicted noise levels – Properties eligible for the consideration of noise mitigation

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
1424	220-230 Lawrence Street Alexandria	Residential Redeveloped	55	53	55	1.2	53	56	2.8	No	Yes
1629	93-103 Euston Road Alexandria	Residential Redeveloped	55	66	69	3.1	66	71	4.8	Yes	Yes
1984	125 Euston Road Alexandria	Residential Redeveloped	55	67	69	1.9	67	71	3.5	Yes	Yes
2012	288-302 Lawrence Street Alexandria	Residential Redeveloped	55	62	62	-0.6	62	63	0.9	Yes	Yes
3439	58 Hutchinson Street St Peters	Residential New	50	46	50	3.2	46	51	4.7	No	Yes
3443	71 Hutchinson Street St Peters	Residential New	50	45	50	5.1	45	51	6.4	No	Yes
3445	73 Hutchinson Street St Peters	Residential New	50	45	51	5.7	45	52	7.0	No	Yes
3454	60 Hutchinson Street St Peters	Residential New	50	47	53	5.7	47	54	7.1	No	Yes
3456	68 Hutchinson Street St Peters	Residential New	50	49	56	6.9	49	57	8.2	Yes	Yes
3457	77 Hutchinson Street St	Residential	50	47	55	7.7	47	56	9.0	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
	Peters	New									
3459	79 Hutchinson Street St Peters	Residential New	50	47	55	7.6	47	56	9.0	Yes	Yes
3461	51 Lackey Street St Peters	Residential New	50	48	55	7.5	48	56	8.8	Yes	Yes
3462	55 Lackey Street St Peters	Residential New	50	48	55	7.4	48	56	8.7	Yes	Yes
3465	53 Lackey Street St Peters	Residential New	50	48	55	7.4	48	57	8.8	Yes	Yes
3467	47 Lackey Street St Peters	Residential New	50	48	55	7.4	48	56	8.8	Yes	Yes
3468	81 Hutchinson Street St Peters	Residential New	50	48	55	7.6	45	51	6.4	Yes	Yes
3469	49 Lackey Street St Peters	Residential New	50	48	55	7.5	48	56	8.8	Yes	Yes
3470	41 Lackey Street St Peters	Residential New	50	47	55	7.4	47	56	8.8	Yes	Yes
3473	43 Lackey Street St Peters	Residential New	50	48	55	7.4	48	56	8.8	Yes	Yes
3474	45 Lackey Street St Peters	Residential New	50	47	55	7.6	47	56	8.9	Yes	Yes
3477	35 Lackey Street St Peters	Residential New	50	47	54	7.1	47	56	8.5	Yes	Yes
3479	83 Hutchinson Street St Peters	Residential New	50	48	56	7.4	48	57	8.8	Yes	Yes
3480	39 Lackey Street St Peters	Residential New	50	48	55	7.3	48	56	8.7	Yes	Yes
3481	37 Lackey Street St Peters	Residential New	50	47	55	7.2	47	56	8.6	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3482	33 Lackey Street St Peters	Residential New	50	47	54	7.1	47	56	8.5	Yes	Yes
3484	31 Lackey Street St Peters	Residential New	50	47	54	7.1	47	56	8.5	Yes	Yes
3485	23 Lackey Street St Peters	Residential New	50	47	53	6.6	47	55	8.0	Yes	Yes
3486	29 Lackey Street St Peters	Residential New	50	47	54	7.1	47	56	8.5	Yes	Yes
3487	27 Lackey Street St Peters	Residential New	50	47	54	7.0	47	55	8.4	Yes	Yes
3488	25 Lackey Street St Peters	Residential New	50	47	54	7.0	47	55	8.4	Yes	Yes
3489	21 Lackey Street St Peters	Residential New	50	46	52	6.0	46	54	7.4	No	Yes
3490	85 Hutchinson Street St Peters	Residential New	50	45	51	5.2	45	52	6.6	No	Yes
3494	19 Lackey Street St Peters	Residential New	50	46	51	5.2	46	52	6.6	No	Yes
3511	87 Hutchinson Street St Peters	Residential New	50	49	57	7.9	49	58	9.2	Yes	Yes
3518	35 Barwon Park Road St Peters	Residential New	50	47	50	2.8	47	52	4.1	No	Yes
3526	65 Crown Street St Peters	Residential New	50	46	49	3.2	46	51	5.1	No	Yes
3527	31 Barwon Park Road St Peters	Residential New	50	47	50	2.8	47	51	4.2	No	Yes
3533	67 Crown Street St Peters	Residential New	50	46	49	3.3	46	51	5.1	No	Yes
3544	71 Crown Street St Peters	Residential New	50	46	49	3.1	46	51	4.8	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3548	38 Crown Street St Peters	Residential New	50	47	49	2.5	47	51	3.9	No	Yes
3551	67 Campbell Road St Peters	Residential New	50	53	60	7.4	53	62	8.8	Yes	Yes
3553	73 Crown Street St Peters	Residential New	50	48	50	2.3	48	52	3.9	No	Yes
3555	63 Campbell Street St Peters	Residential New	50	59	65	5.6	59	66	6.9	Yes	Yes
3557	75 Crown Street St Peters	Residential New	50	49	54	4.3	49	55	5.9	Yes	Yes
3558	44 Crown Street St Peters	Residential New	50	49	52	3.3	49	53	4.4	No	Yes
3560	47 Barwon Park Road St Peters	Residential New	50	50	55	4.8	50	56	5.6	Yes	Yes
3562	49 Barwon Park Road St Peters	Residential New	50	51	56	5.0	51	57	5.8	Yes	Yes
3565	51 Barwon Park Road St Peters	Residential New	50	54	58	4.7	54	59	5.3	Yes	Yes
3570	25 Campbell Road St Peters	Residential New	50	67	69	1.7	67	69	2.5	Yes	Yes
3573	29 Campbell Road St Peters	Residential New	50	67	69	1.7	67	69	2.5	Yes	Yes
3576	27 Campbell Road St Peters	Residential New	50	67	69	1.8	67	69	2.5	Yes	Yes
3577	21 Campbell Road St Peters	Residential New	50	67	69	1.9	67	70	2.7	Yes	Yes
3671	2 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3672	6 Campbell Road Alexandria	Residential New	50	64	68	3.6	64	69	4.2	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3673	8 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.2	Yes	Yes
3674	10 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3675	12 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3676	14 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3677	16 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3678	18 Campbell Road Alexandria	Residential New	50	64	68	3.7	64	69	4.3	Yes	Yes
3679	20 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.4	Yes	Yes
3680	32 Campbell Road Alexandria	Residential New	50	65	68	3.8	65	69	4.4	Yes	Yes
3681	24 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.4	Yes	Yes
3682	22 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.4	Yes	Yes
3683	26 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.4	Yes	Yes
3684	28 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.4	Yes	Yes
3685	30 Campbell Road Alexandria	Residential New	50	64	68	3.8	64	69	4.5	Yes	Yes
3686	32 Campbell Road Alexandria	Residential New	50	58	64	5.2	58	64	6.1	Yes	Yes
3687	23-29 Campbell Road St Peters	Residential New	50	67	69	2.0	67	69	2.7	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3688	19 Campbell Road St Peters	Residential New	50	67	69	2.1	67	70	2.8	Yes	Yes
3689	53 Barwon Park Road St Peters	Residential New	50	66	69	2.8	66	70	3.6	Yes	Yes
3795	75 Church Street St Peters	Residential New	50	53	64	10.4	53	65	11.6	Yes	Yes
3797	3 Brown Street St Peters	Residential New	50	50	65	15.2	50	66	16.5	Yes	Yes
3805	77 Church Street St Peters	Residential New	50	51	61	9.2	51	62	10.3	Yes	Yes
3808	5 Brown Street St Peters	Residential New	50	48	60	11.8	48	61	13.2	Yes	Yes
3809	79 Church Street St Peters	Residential New	50	48	60	12.6	48	61	13.6	Yes	Yes
3817	81 Church Street St Peters	Residential New	50	45	60	14.7	45	61	15.7	Yes	Yes
3818	4 St Peters Street St Peters	Residential New	50	46	62	15.5	46	63	16.8	Yes	Yes
3822	7 Brown Street St Peters	Residential New	50	46	59	12.5	46	60	13.8	Yes	Yes
3826	6 St Peters Street St Peters	Residential New	50	45	55	10.0	45	56	11.4	Yes	Yes
3829	83 Church Street St Peters	Residential New	50	47	58	11.3	47	60	12.6	Yes	Yes
3831	9 Brown Street St Peters	Residential New	50	45	58	12.6	45	59	13.9	Yes	Yes
3834	7 Florence Street St Peters	Residential New	50	43	62	19.7	43	63	21.0	Yes	Yes
3838	1b St Peters Street St Peters	Residential New	50	49	61	12.6	49	62	14.0	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3839	8 St Peters Street St Peters	Residential New	50	46	57	10.6	46	58	12.0	Yes	Yes
3840	85 Church Street St Peters	Residential New	50	44	57	13.6	47	58	11.4	Yes	Yes
3843	10 Brown Street St Peters	Residential New	50	44	60	16.0	44	62	17.4	Yes	Yes
3846	11 Brown Street St Peters	Residential New	50	49	53	3.8	48	54	5.6	No	Yes
3849	9 Florence Street St Peters	Residential New	50	43	54	10.9	43	55	12.2	Yes	Yes
3851	4 Florence Street St Peters	Residential New	50	44	61	16.7	44	62	18.0	Yes	Yes
3852	87 Church Street St Peters	Residential New	50	46	56	9.6	46	57	10.9	Yes	Yes
3855	1/12 Brown Street St Peters	Residential New	50	46	54	8.4	46	56	9.7	Yes	Yes
3856	11 Florence Street St Peters	Residential New	50	43	55	11.9	43	56	13.3	Yes	Yes
3859	13 Brown Street St Peters	Residential New	50	45	54	9.2	45	55	10.6	Yes	Yes
3860	6 Florence Street St Peters	Residential New	50	44	57	12.5	44	58	13.8	Yes	Yes
3861	5 St Peters Street St Peters	Residential New	50	48	59	11.2	48	61	12.5	Yes	Yes
3862	89 Church Street St Peters	Residential New	50	46	55	8.8	46	57	10.2	Yes	Yes
3867	1/12 Brown Street St Peters	Residential New	50	46	58	12.0	46	59	13.4	Yes	Yes
3868	12 St Peters Street St Peters	Residential New	50	46	54	8.3	46	55	9.7	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3872	16 Brown Street St Peters	Residential New	50	45	52	7.0	45	54	8.3	No	Yes
3873	7 St Peters Street St Peters	Residential New	50	46	54	8.2	46	55	9.7	Yes	Yes
3874	91a Church Street St Peters	Residential New	50	45	53	7.4	45	54	8.9	No	Yes
3877	15 Brown Street St Peters	Residential New	50	45	53	7.7	45	54	9.1	No	Yes
3882	13 Florence Street St Peters	Residential New	50	45	55	9.9	45	56	11.2	Yes	Yes
3883	8 Florence Street St Peters	Residential New	50	47	58	10.5	47	59	11.8	Yes	Yes
3885	17 Brown Street St Peters	Residential New	50	45	52	7.2	45	53	8.6	No	Yes
3887	91b Church Street St Peters	Residential New	50	46	53	7.2	46	55	8.7	Yes	Yes
3890	9 St Peters Street St Peters	Residential New	50	43	51	8.1	43	52	9.4	No	Yes
3894	16 St Peters Street St Peters	Residential New	50	44	51	6.6	44	53	8.1	No	Yes
3895	18 St Peters Street St Peters	Residential New	50	45	54	9.1	45	56	10.5	Yes	Yes
3896	91c Church Street St Peters	Residential New	50	46	53	6.8	46	54	8.3	No	Yes
3897	22 Brown Street St Peters	Residential New	50	44	50	6.8	44	52	8.1	No	Yes
3899	19 Brown Street St Peters	Residential New	50	45	51	5.5	45	52	6.9	No	Yes
3903	10 Florence Street St Peters	Residential New	50	46	53	7.2	46	55	8.5	Yes	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3907	15 Florence Street St Peters	Residential New	50	44	52	8.4	44	54	9.8	No	Yes
3908	91d Church Street St Peters	Residential New	50	46	52	6.3	46	54	7.8	No	Yes
3909	12 Florence Street St Peters	Residential New	50	46	53	7.0	46	54	8.4	No	Yes
3910	11 St Peters Street St Peters	Residential New	50	44	53	8.3	44	54	9.7	No	Yes
3913	21 Brown Street St Peters	Residential New	50	45	50	5.4	45	51	6.8	No	Yes
3914	24 Brown Street St Peters	Residential New	50	44	51	6.2	44	52	7.6	No	Yes
3916	14 Florence Street St Peters	Residential New	50	46	52	6.0	46	54	7.4	No	Yes
3921	17 Florence Street St Peters	Residential New	50	45	52	6.8	43	51	7.9	No	Yes
3923	13 St Peters Street St Peters	Residential New	50	44	53	8.2	44	54	9.6	No	Yes
3925	16 Florence Street St Peters	Residential New	50	45	52	6.5	45	53	7.9	No	Yes
3926	18 St Peters Street St Peters	Residential New	50	44	50	5.7	44	51	7.2	No	Yes
3927	23 Brown Street St Peters	Residential New	50	45	50	4.8	45	51	6.2	No	Yes
3928	18 Florence Street St Peters	Residential New	50	46	52	6.0	46	53	7.4	No	Yes
3934	19 Florence Street St Peters	Residential New	50	45	51	6.5	45	52	7.9	No	Yes
3935	20 Florence Street St Peters	Residential New	50	45	51	6.1	45	53	7.5	No	Yes

ID	Address	Use / Road type	Criteria	Year of Opening (2021)			Design Year (2031)			Exceeds Cumulative Limit	Eligible
				No Build	Build	Increase	No Build	Build	Increase		
3936	15 St Peters Street St Peters	Residential New	50	45	53	7.8	45	55	9.2	Yes	Yes
3940	17 St Peters Street St Peters	Residential New	50	44	50	5.6	44	52	7.3	No	Yes
4059	8/635 Gardeners Road Mascot	Residential New	50	52	55	2.1	52	56	4.0	Yes	Yes
4086	21 St Peters Street St Peters	Residential New	50	44	49	5.1	44	51	6.6	No	Yes
4089	23 St Peters Street St Peters	Residential New	50	45	50	4.9	45	51	6.6	No	Yes
4090	24 Florence Street St Peters	Residential New	50	44	50	5.8	44	51	7.3	No	Yes
4092	21 Florence Street St Peters	Residential New	50	45	51	6.0	45	52	7.4	No	Yes
4096	30 Brown Street St Peters	Residential New	50	44	50	5.5	44	51	7.0	No	Yes
4099	31 St Peters Street St Peters	Residential New	50	46	52	6.3	46	53	7.7	No	Yes
4100	25 Brown Street St Peters	Residential New	50	45	49	4.3	45	51	5.8	No	Yes
4103	26 Florence Street St Peters	Residential New	50	43	49	5.6	43	51	7.1	No	Yes
4115	29 Florence Street St Peters	Residential New	50	45	49	4.5	45	51	6.0	No	Yes
4117	31 St Peters Street St Peters	Residential New	50	45	50	5.1	45	52	6.7	No	Yes

Note1: The noise criterion for a School is an internal noise level. Façade noise levels have been reported in this table. A reduction of 12.5 dB(A) with open window and 22.5 dB(A) with windows closed can be assumed (accounting for façade reflection in the calculation). The $L_{Aeq(15\text{hour})}$ and $L_{Aeq(1\text{hour})}$ during school hours have been found to be around the same level, requiring no correction.

Appendix N

Western surface works - noise walls

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➡ New or Modified Noise Wall

WestConnex Stage 2
Western Surface Works - New or modified noise walls

AUG 2015
60327128

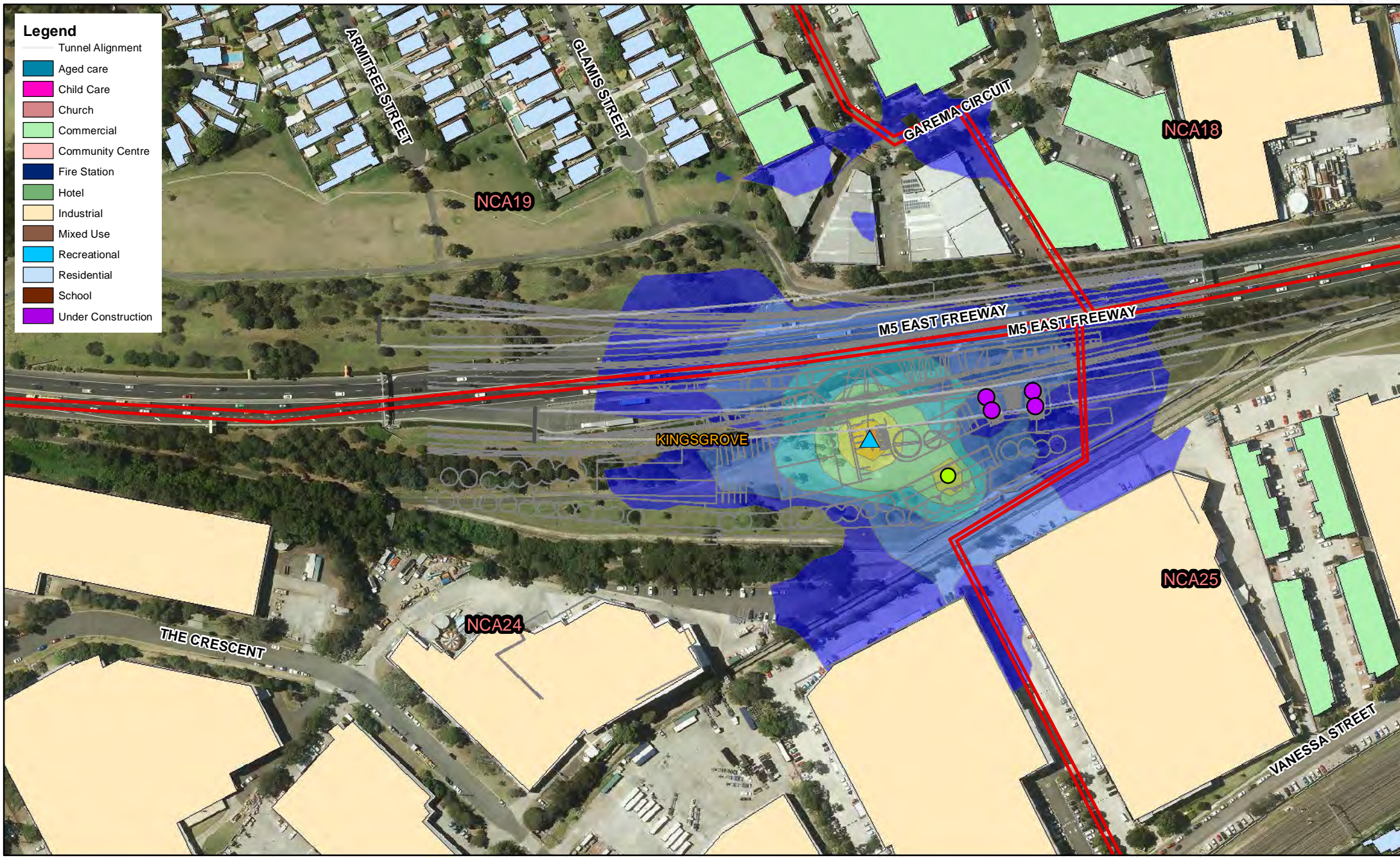


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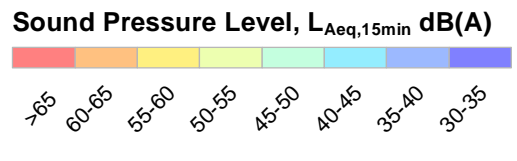
Appendix O

Operational noise results- fixed facility maps

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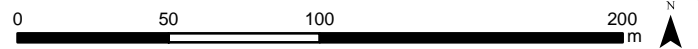


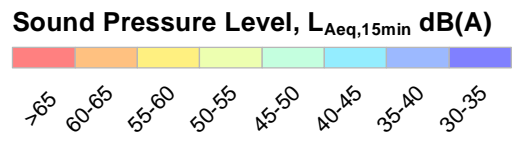
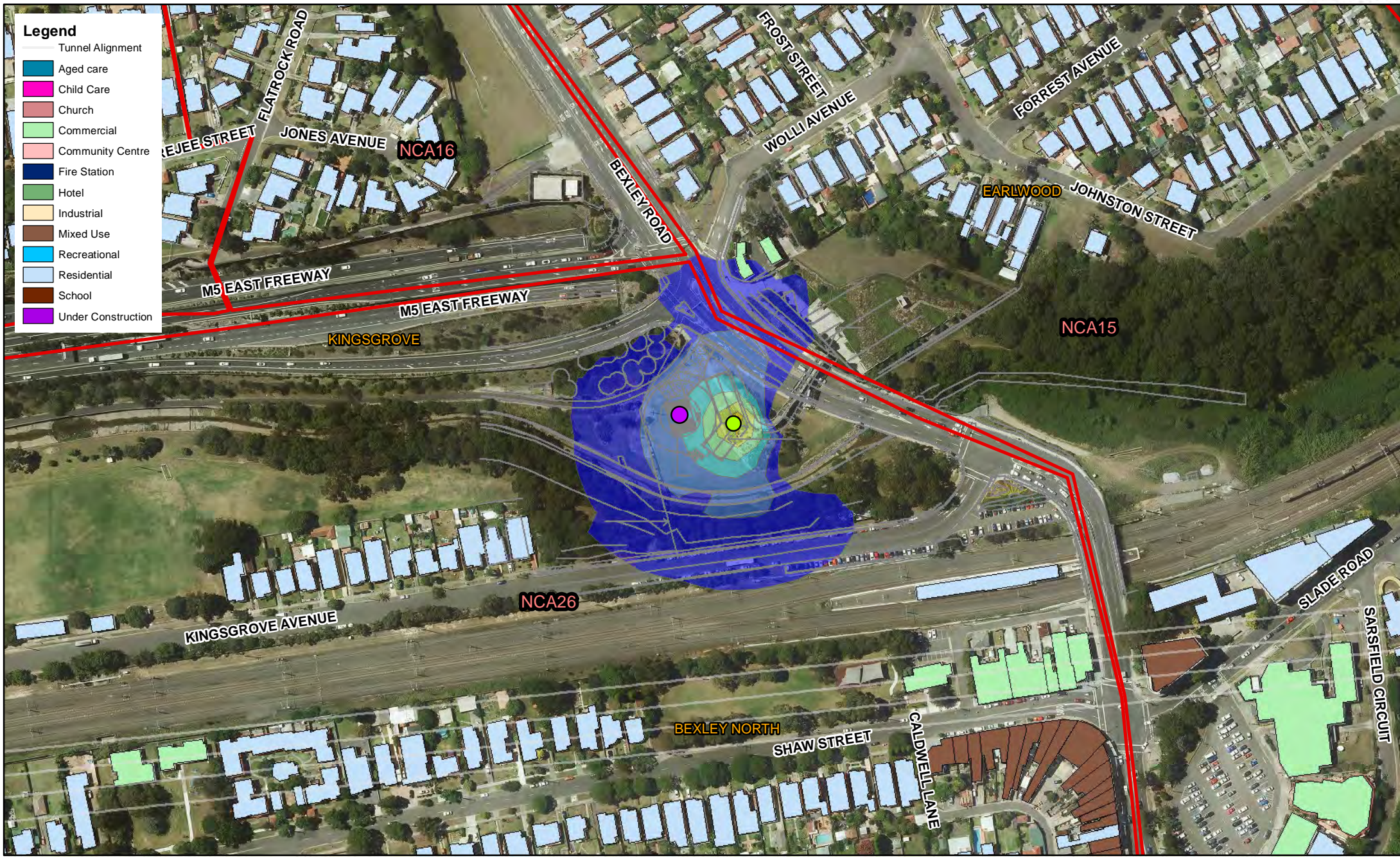
- Legend**
- Tunnel Alignment
 - Aged care
 - Child Care
 - Church
 - Commercial
 - Community Centre
 - Fire Station
 - Hotel
 - Industrial
 - Mixed Use
 - Recreational
 - Residential
 - School
 - Under Construction



- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

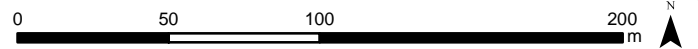
WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Normal Operations - Neutral Weather
 Source: SKM2014

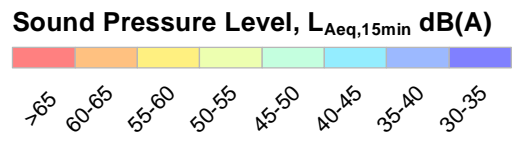
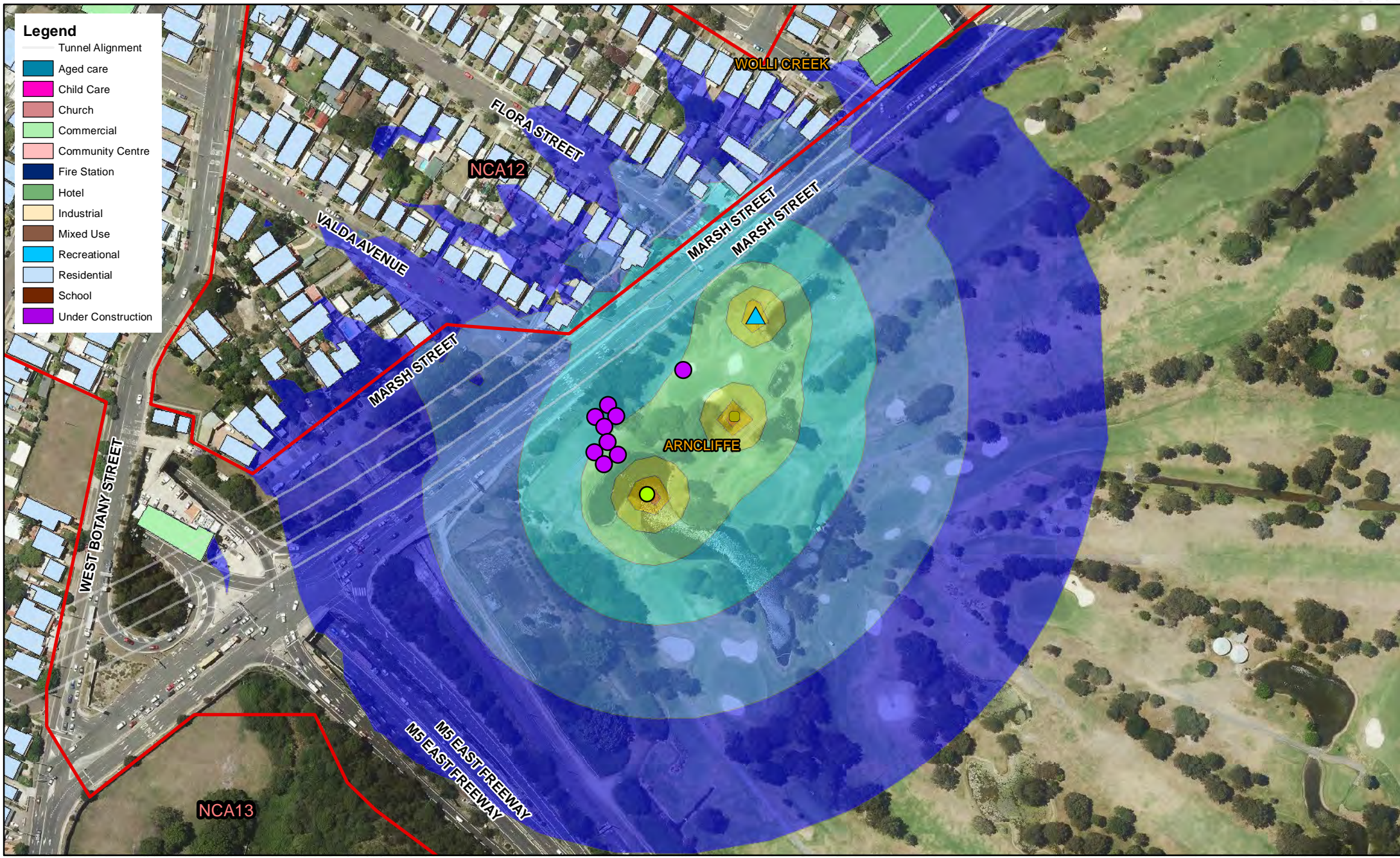




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

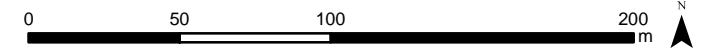
WestConnex Stage 2
Operational Fixed Facilities - Bexley Road
 Normal Operations - Neutral Weather
 Source: SKM2014

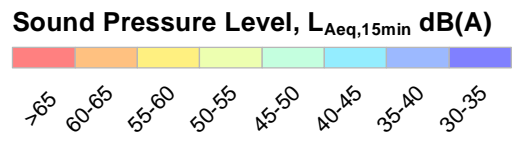
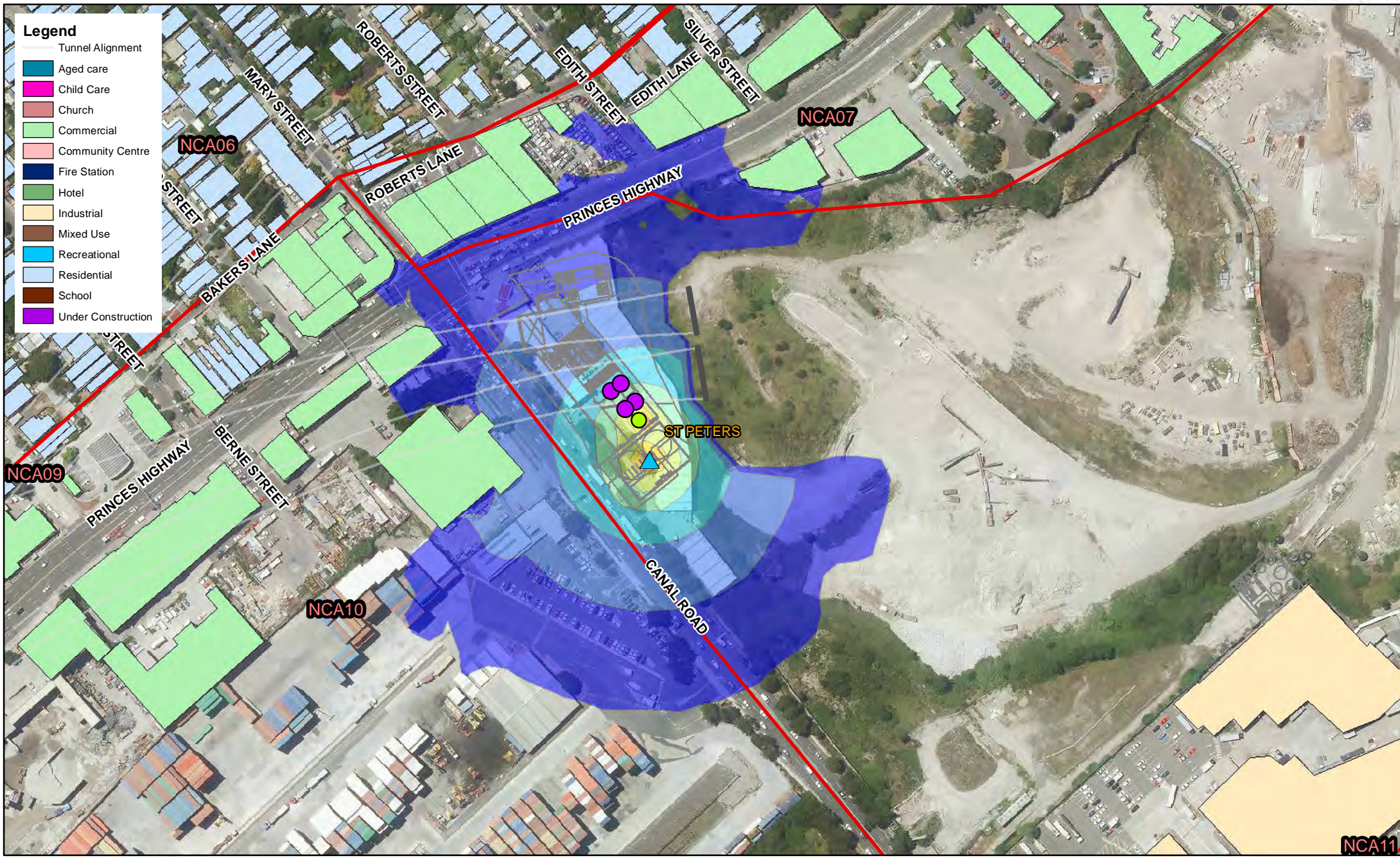




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

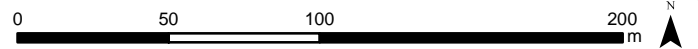
WestConnex Stage 2
Operational Fixed Facilities - Arncliffe
 Normal Operations - Neutral Weather
 Source: SKM2014

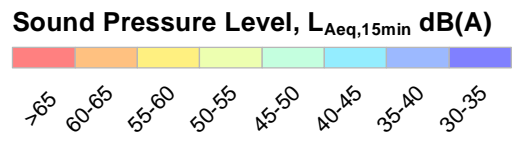
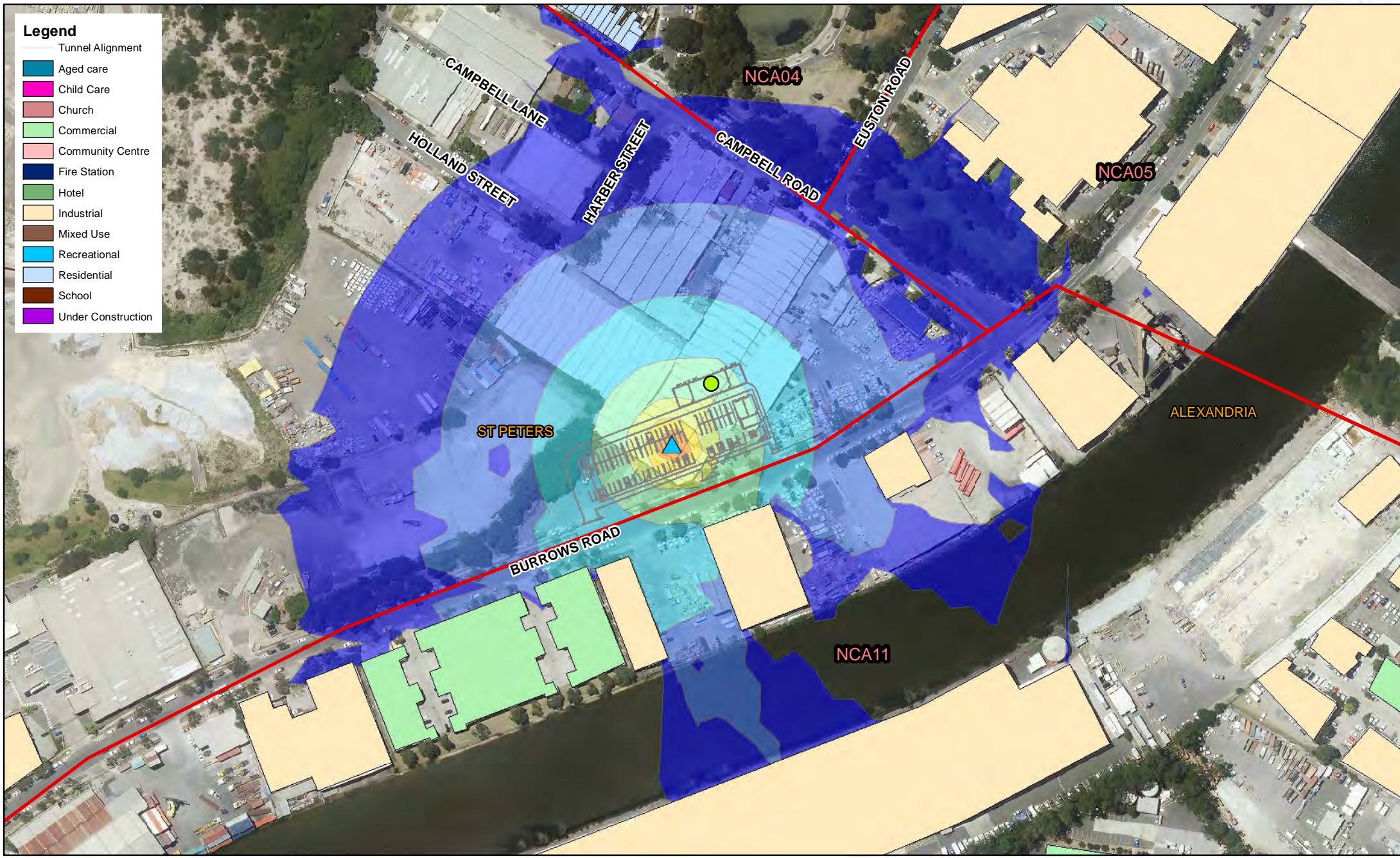




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

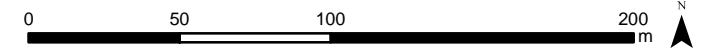
WestConnex Stage 2
Operational Fixed Facilities - St Peters
 Normal Operations - Neutral Weather
 Source: SKM2014

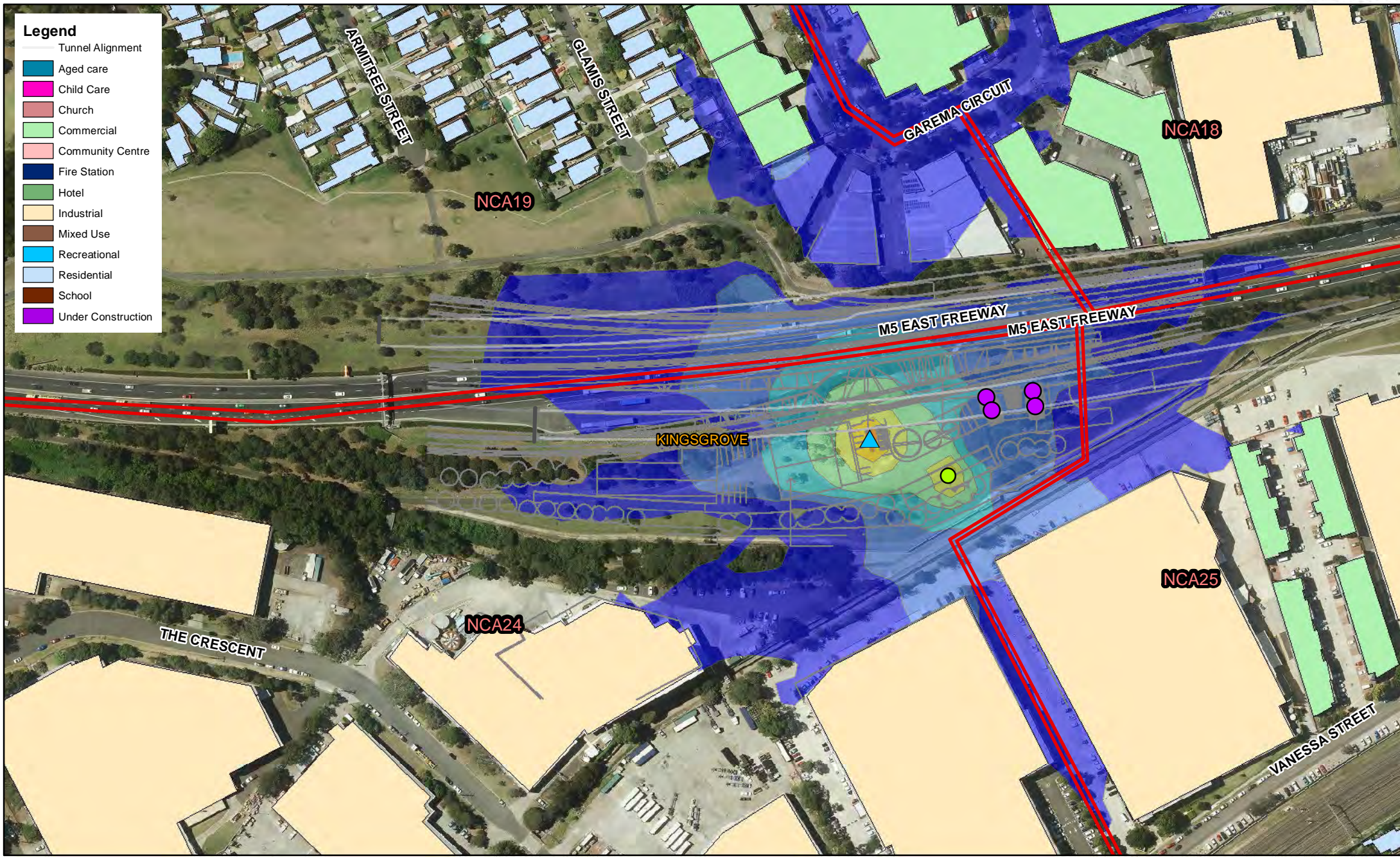




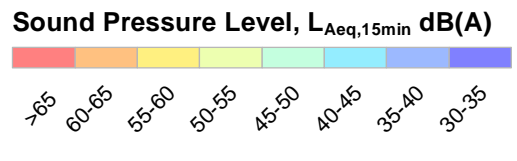
- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Normal Operations - Neutral Weather
 Source: SKM2014



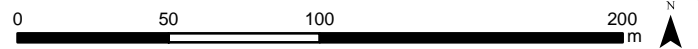


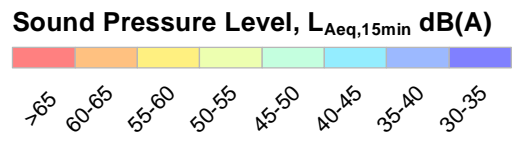
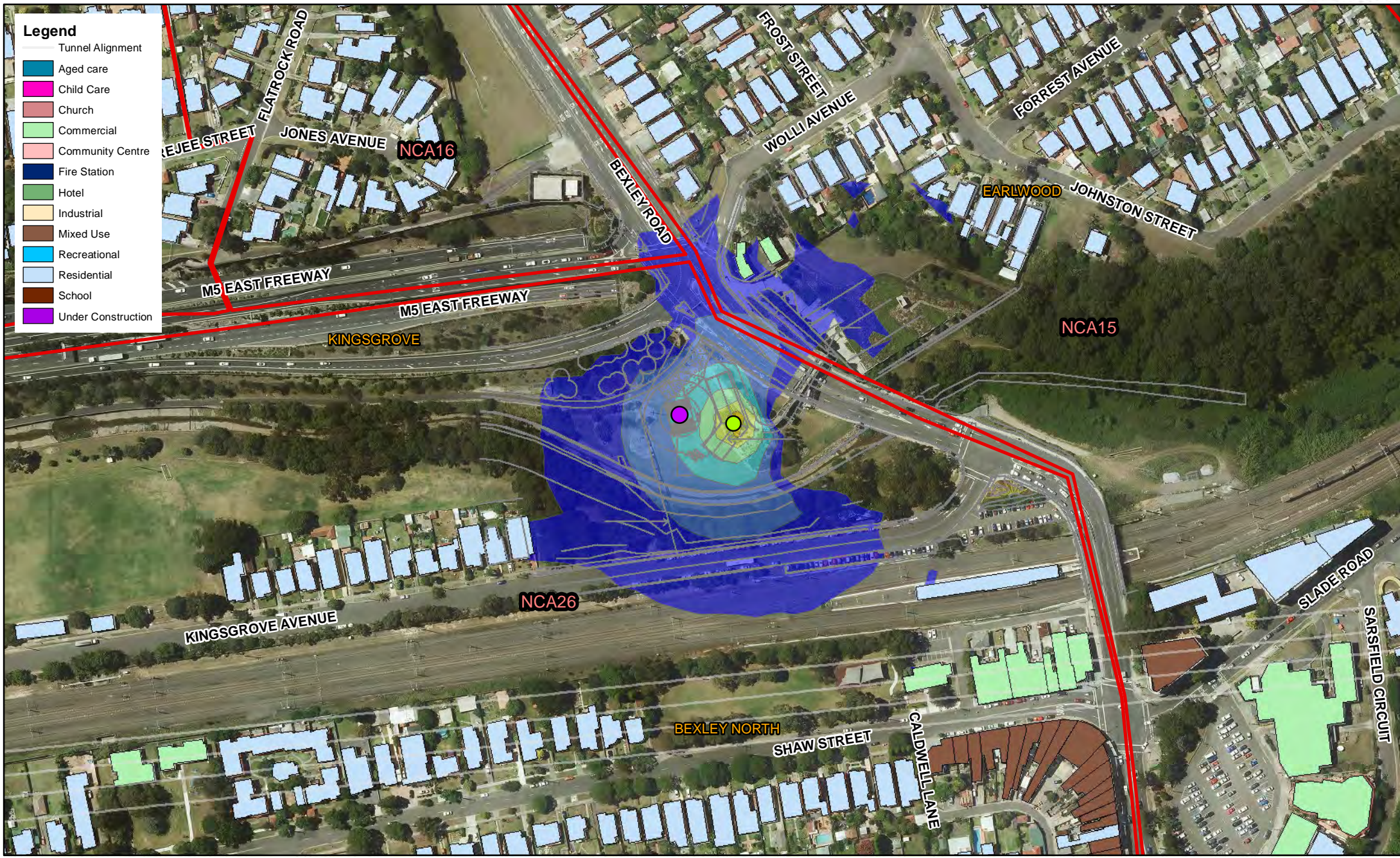
- Legend**
- Tunnel Alignment
 - Aged care
 - Child Care
 - Church
 - Commercial
 - Community Centre
 - Fire Station
 - Hotel
 - Industrial
 - Mixed Use
 - Recreational
 - Residential
 - School
 - Under Construction



- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

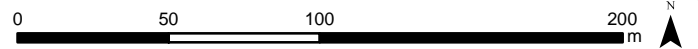
WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Normal Operations - F-class Inversions
 Source: SKM2014

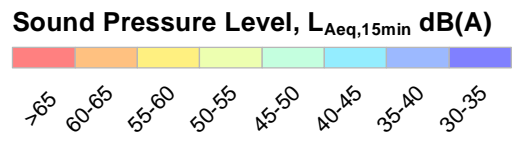
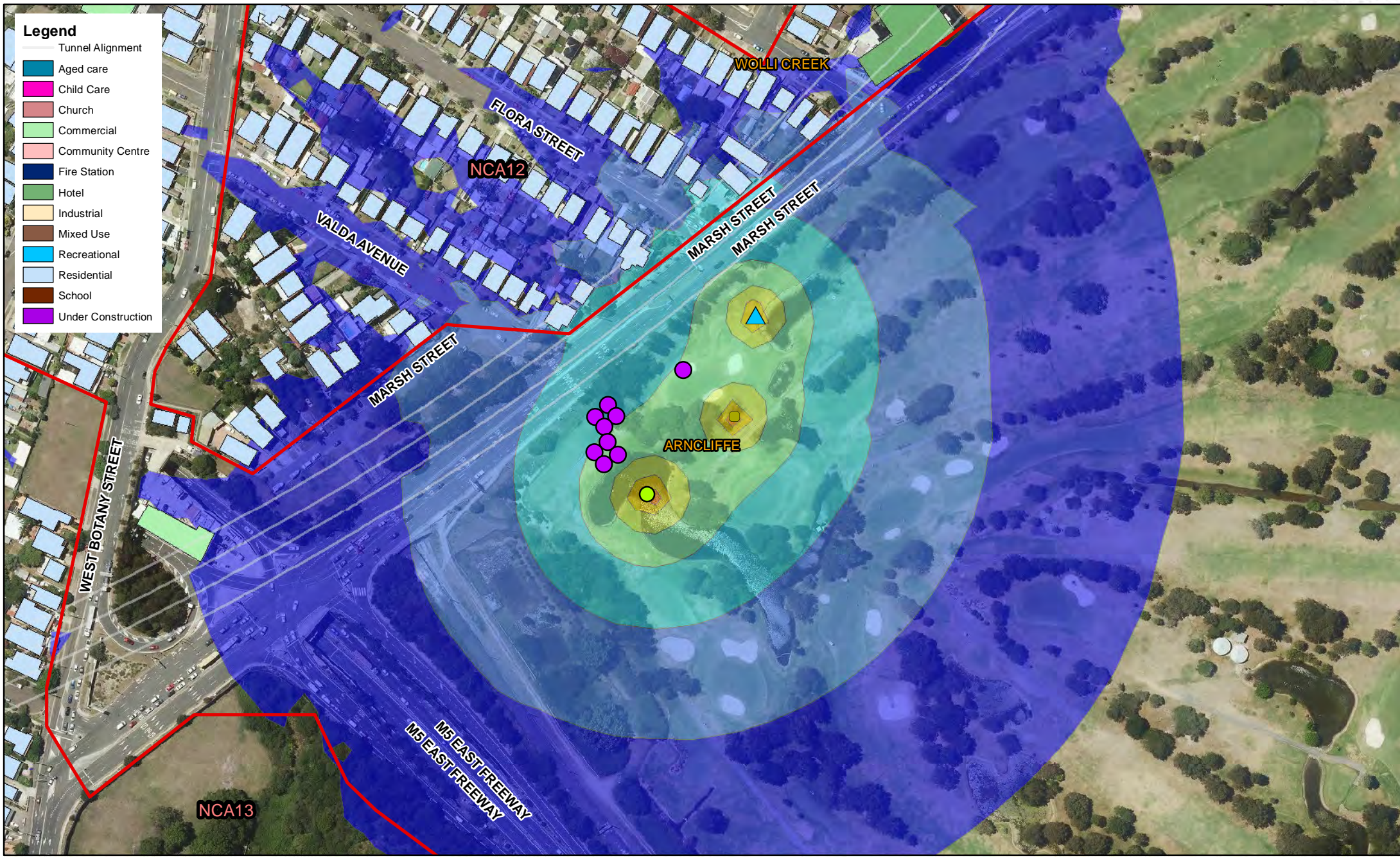




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

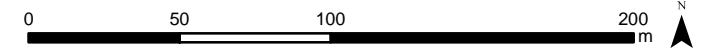
WestConnex Stage 2
Operational Fixed Facilities - Bexley Road
 Normal Operations - F-class Inversions
 Source: SKM2014

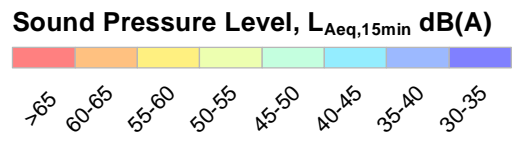
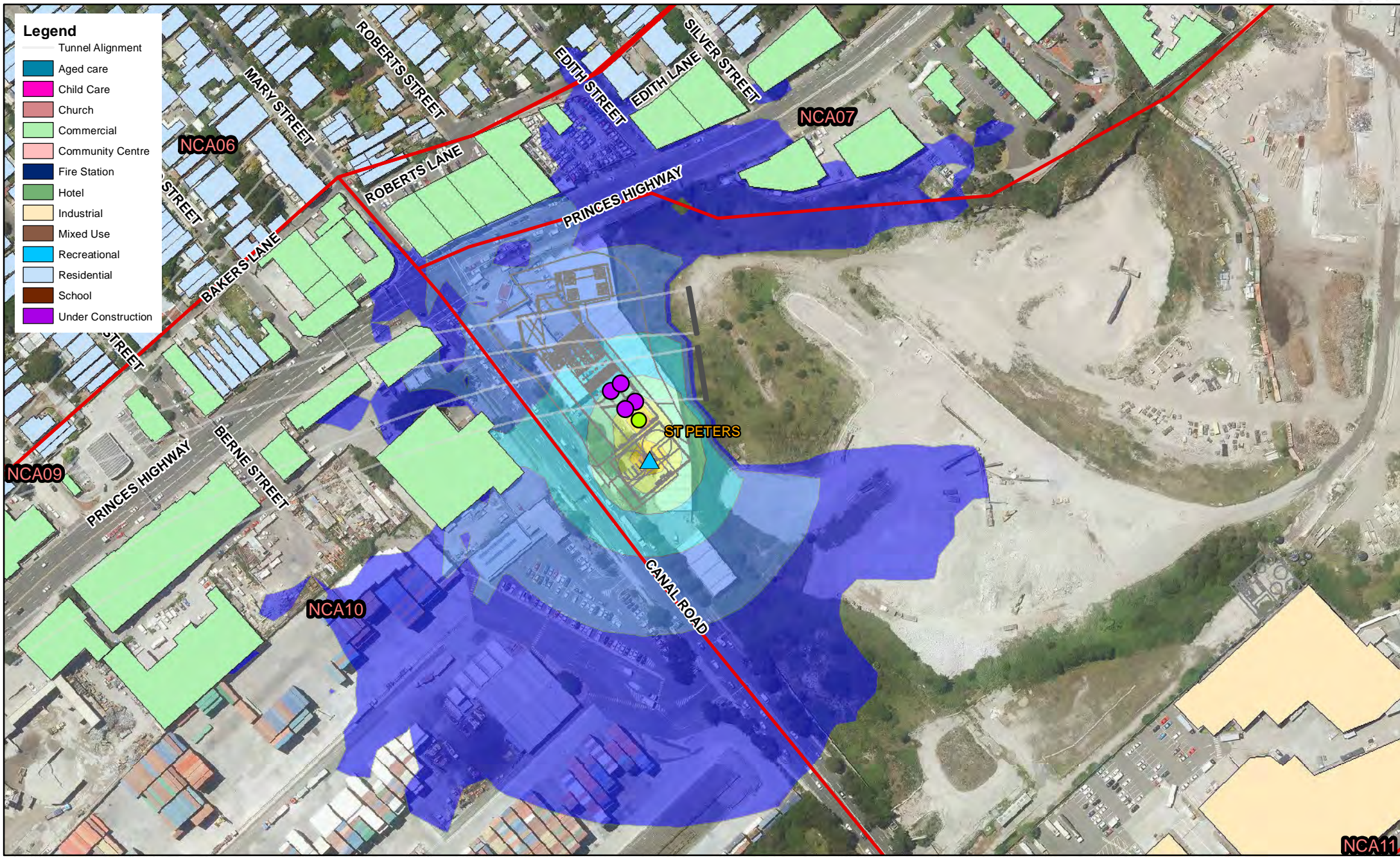




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

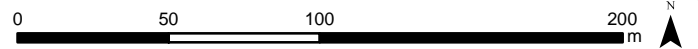
WestConnex Stage 2
Operational Fixed Facilities - Arncliffe
 Normal Operations - F-class Inversions
 Source: SKM2014

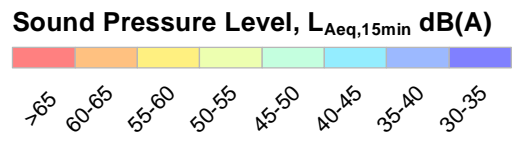
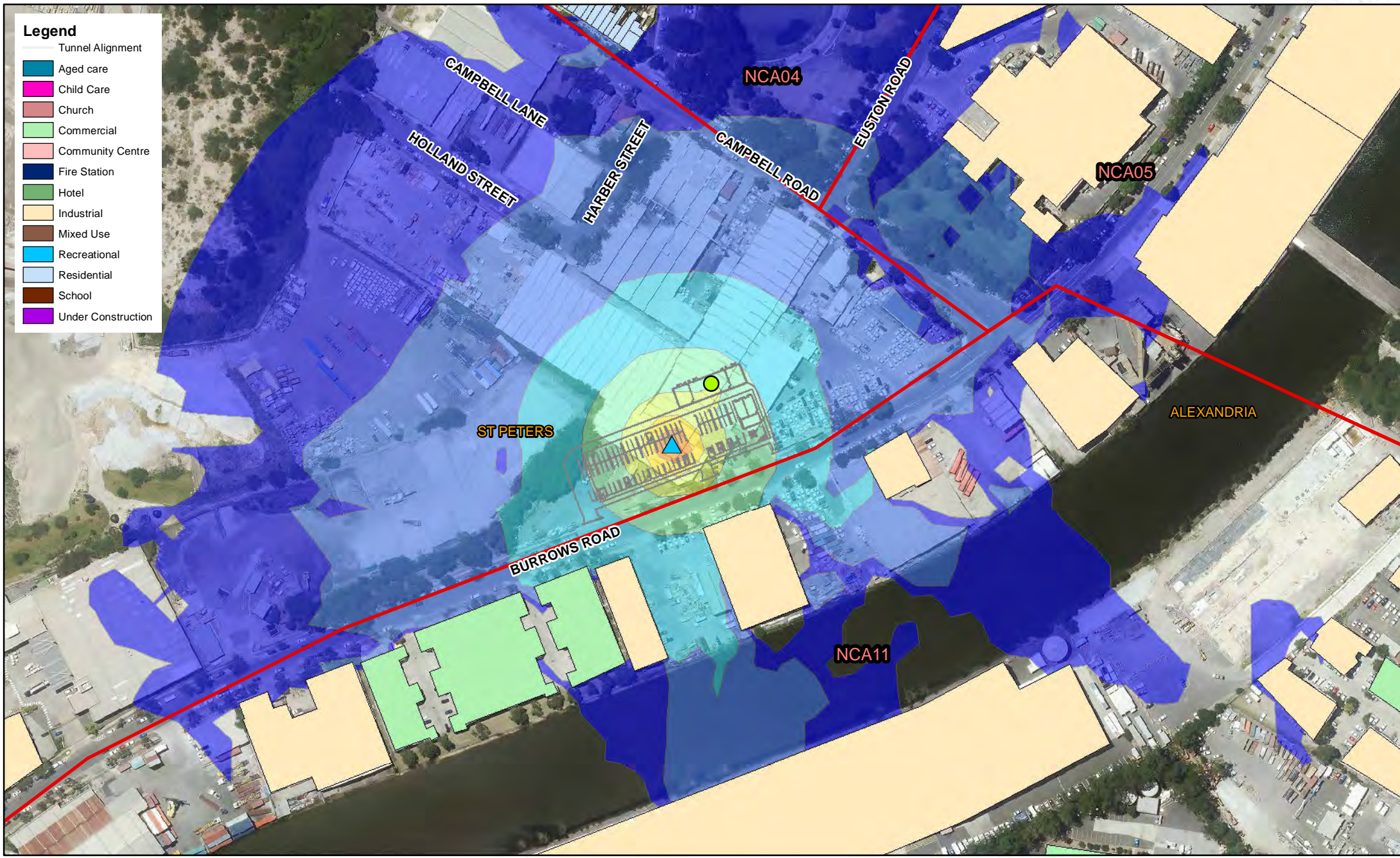




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

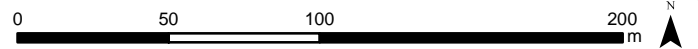
WestConnex Stage 2
Operational Fixed Facilities - St Peters
 Normal Operations - F-class Inversions
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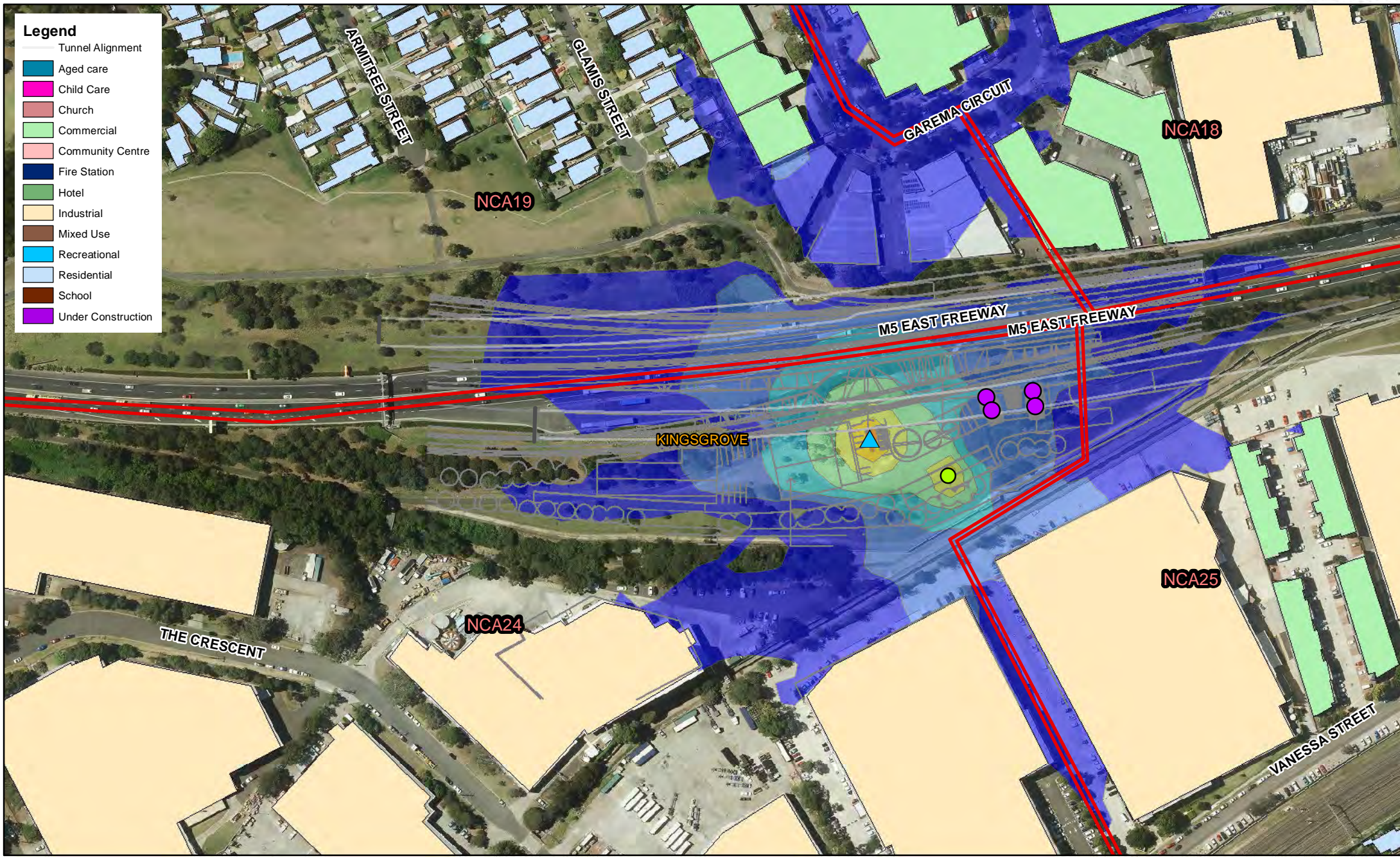




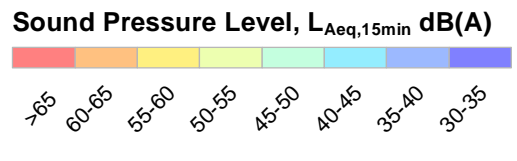
- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Normal Operations - F-class Inversions
 Source: SKM2014



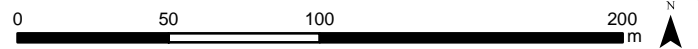


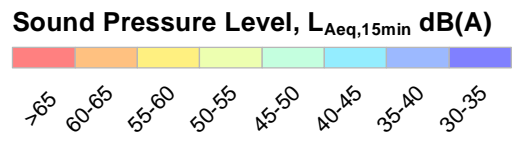
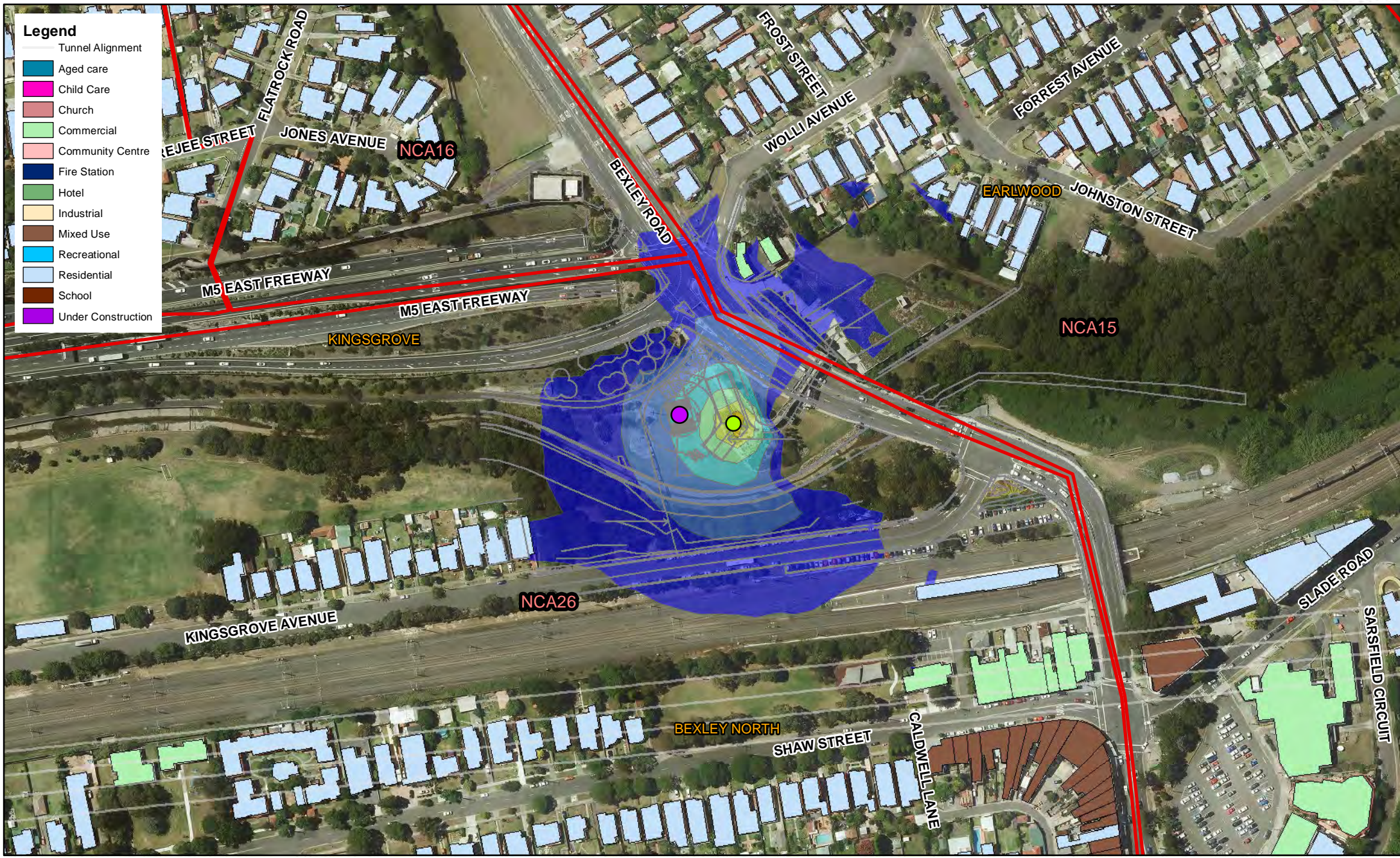
- Legend**
- Tunnel Alignment
 - Aged care
 - Child Care
 - Church
 - Commercial
 - Community Centre
 - Fire Station
 - Hotel
 - Industrial
 - Mixed Use
 - Recreational
 - Residential
 - School
 - Under Construction



- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Normal Operations - 3 m/s source to receiver wind
 Source: SKM2014

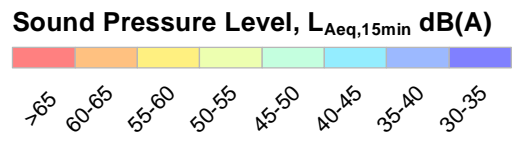
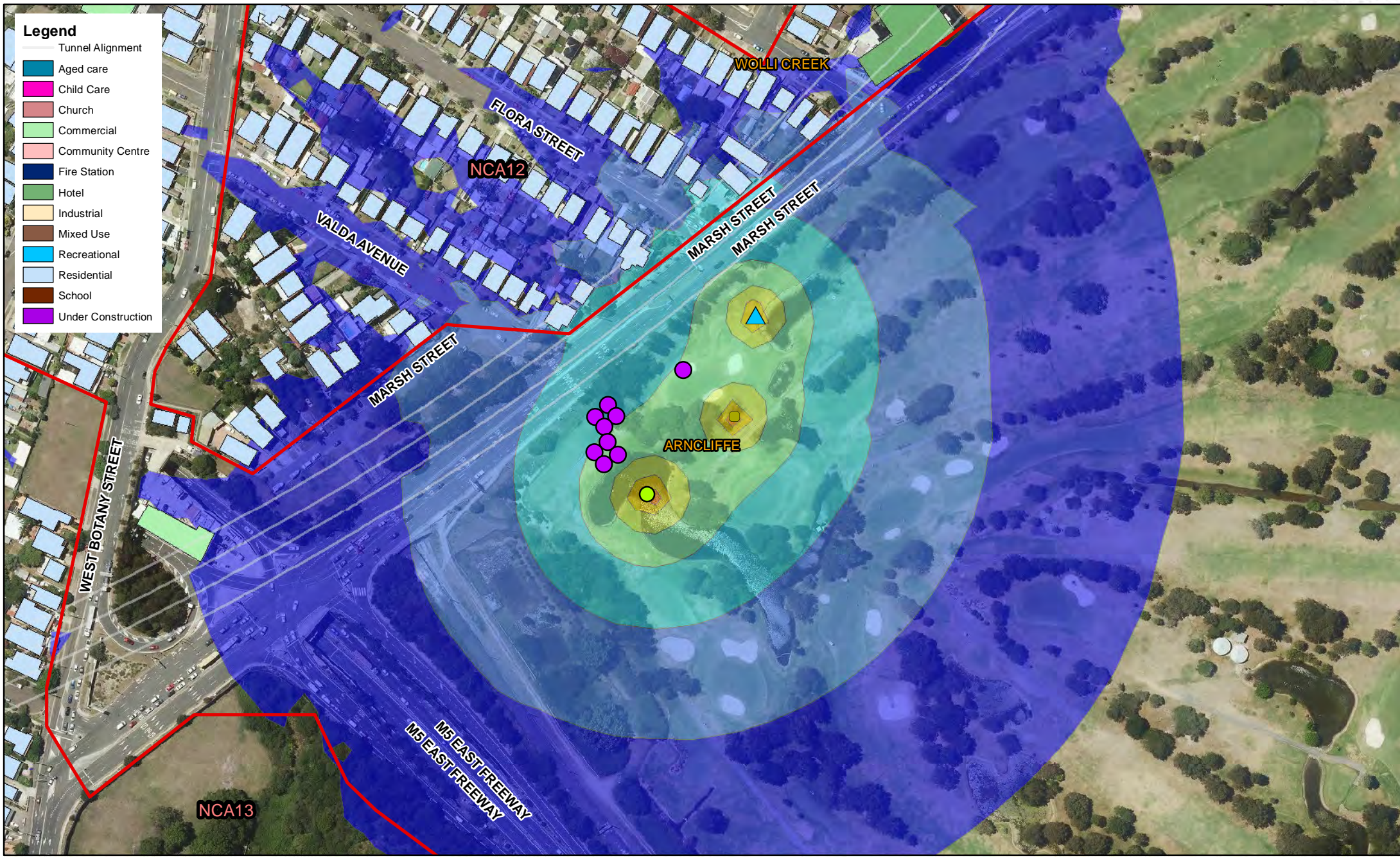




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

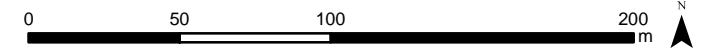
WestConnex Stage 2
Operational Fixed Facilities - Bexley Road
 Normal Operations - 3 m/s source to receiver wind
 Source: SKM2014

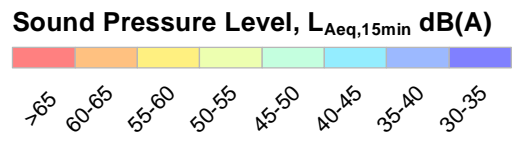
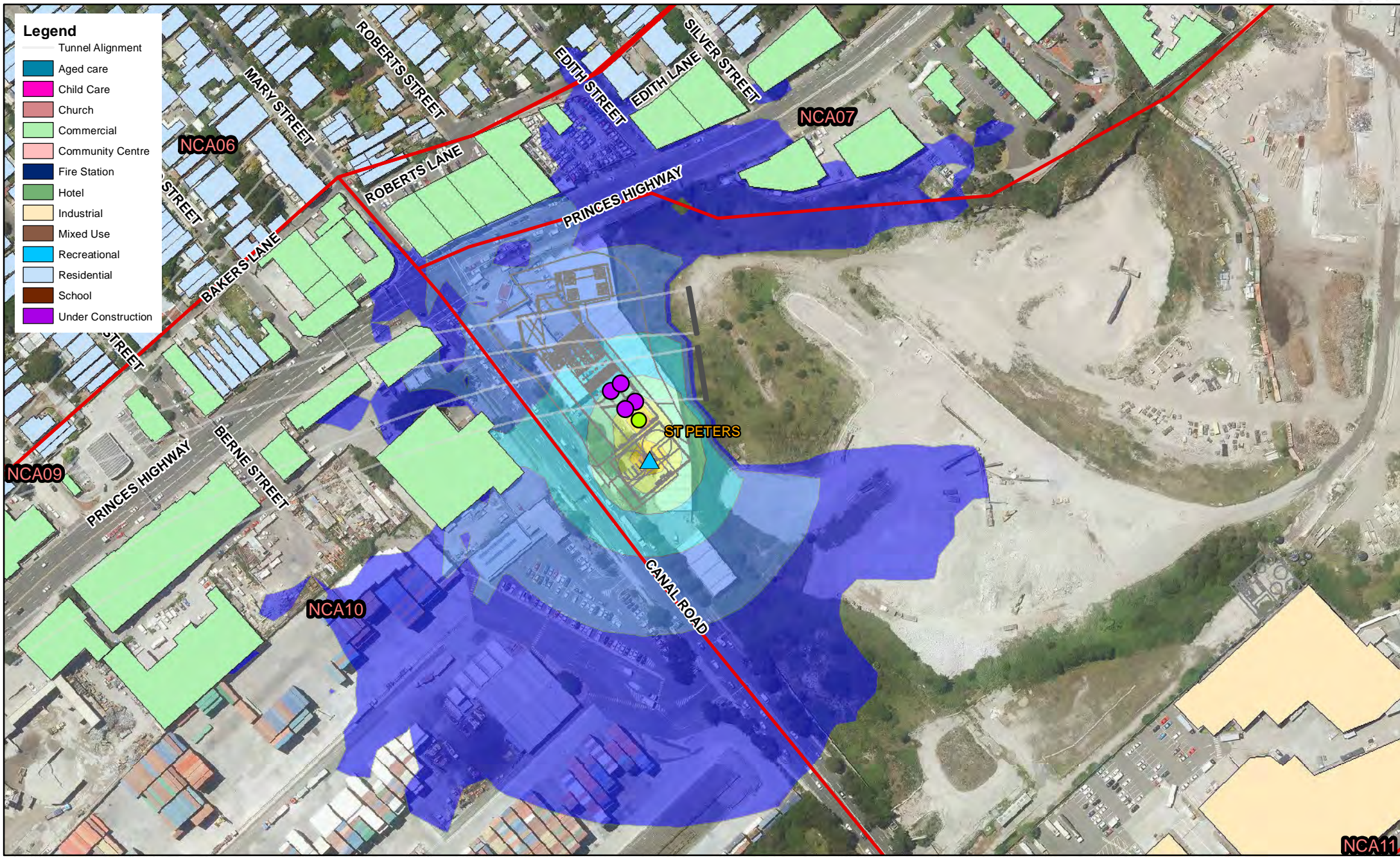
0 50 100 200 m



- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

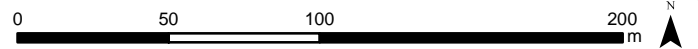
WestConnex Stage 2
Operational Fixed Facilities - Arncliffe
 Normal Operations - 3 m/s source to receiver wind
 Source: SKM2014

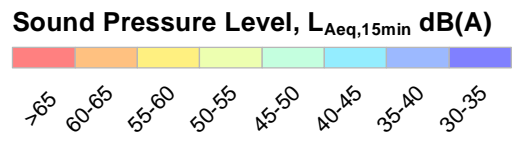
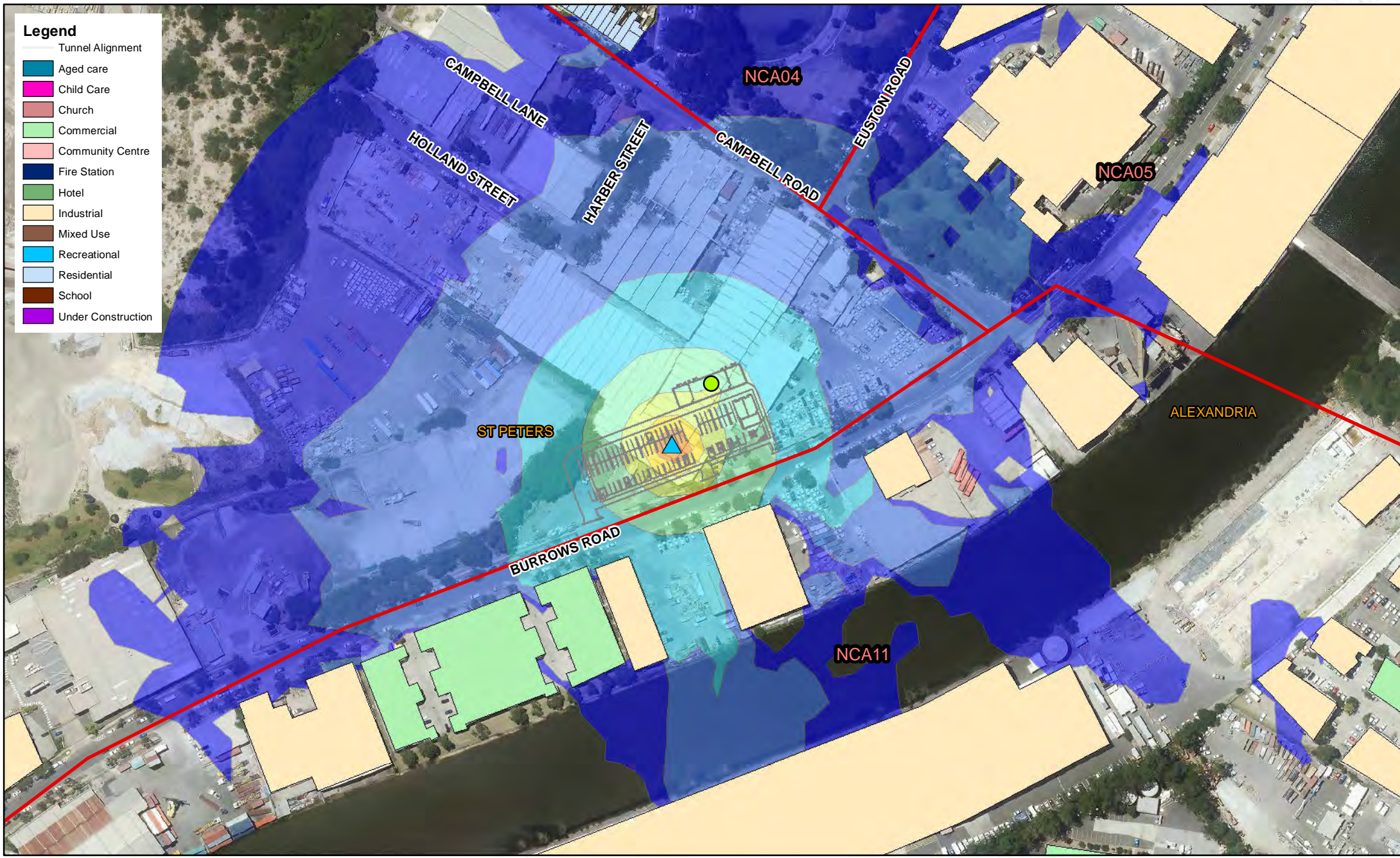




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

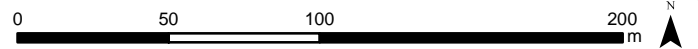
WestConnex Stage 2
Operational Fixed Facilities - St Peters
 Normal Operations - 3 m/s source to receiver wind
 Source: SKM2014

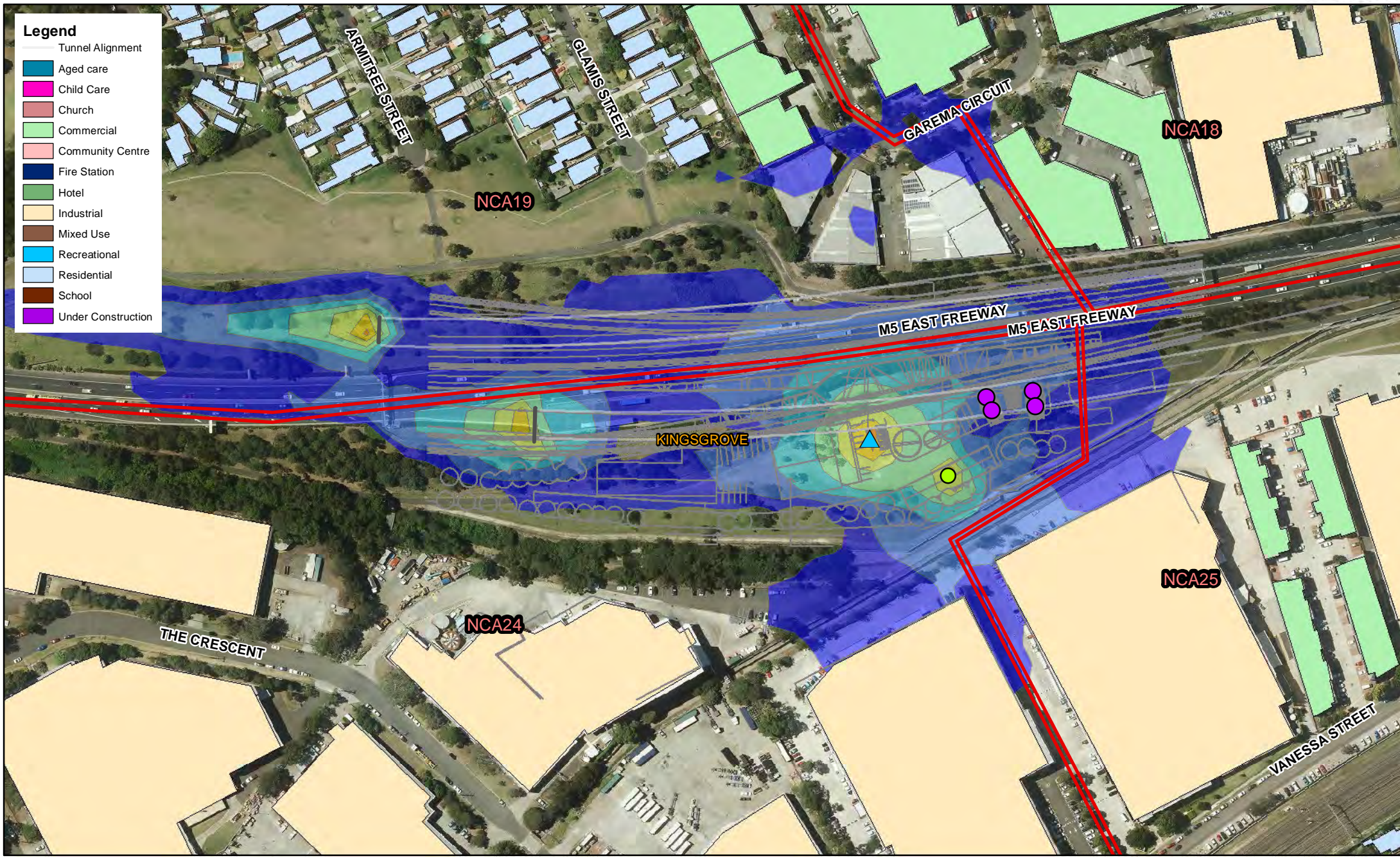




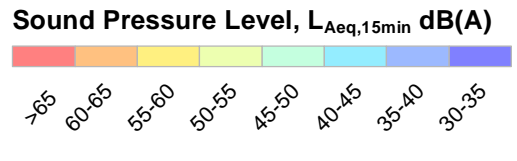
- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Normal Operations - 3 m/s source to receiver wind
 Source: SKM2014



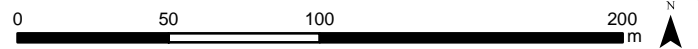


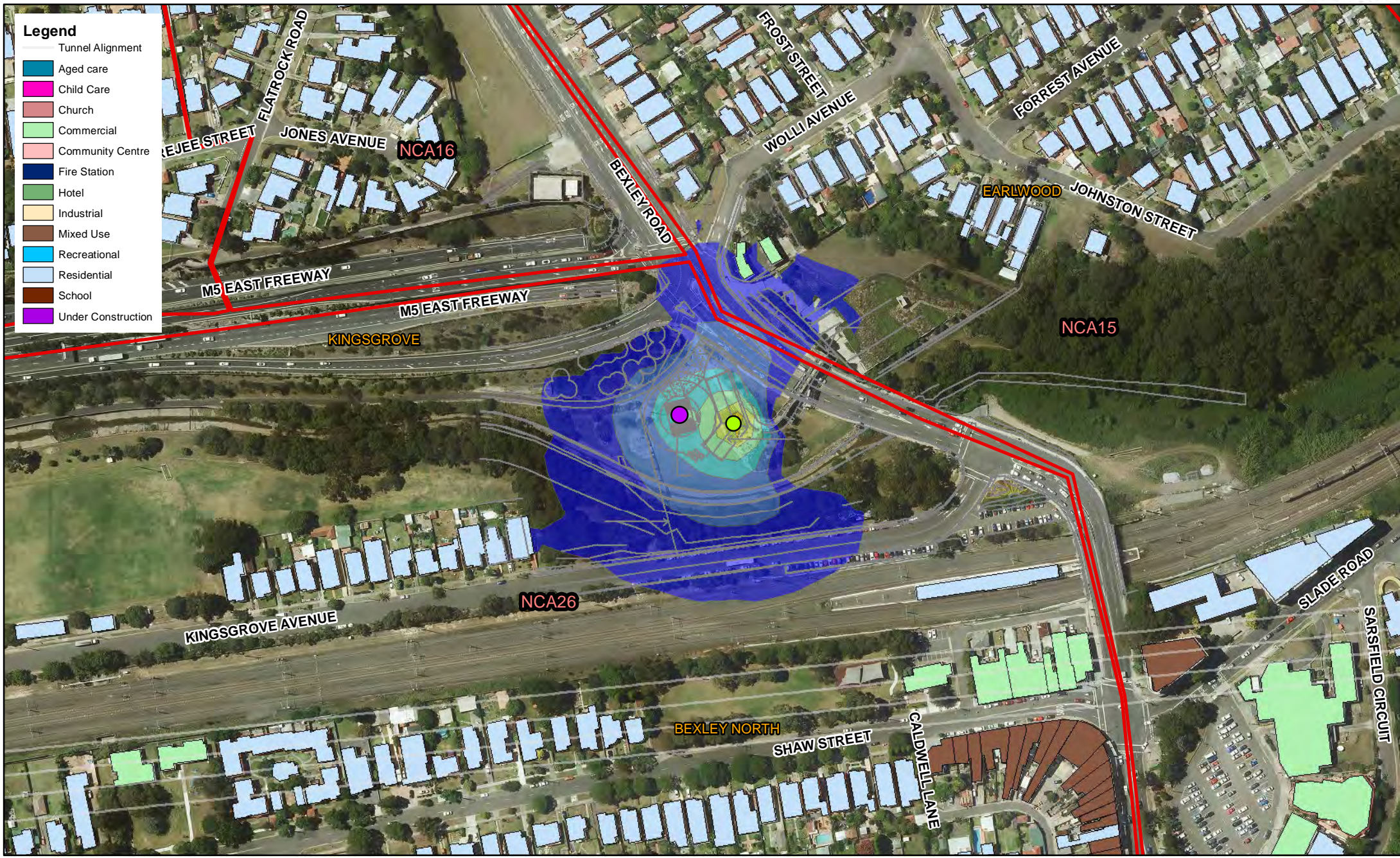
- Legend**
- Tunnel Alignment
 - Aged care
 - Child Care
 - Church
 - Commercial
 - Community Centre
 - Fire Station
 - Hotel
 - Industrial
 - Mixed Use
 - Recreational
 - Residential
 - School
 - Under Construction



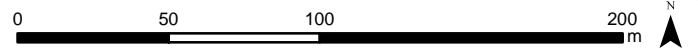
- Tunnel Portal
- WaterTreatmentPlant
- Car parking
- Substation
- VentilationStations_20151409

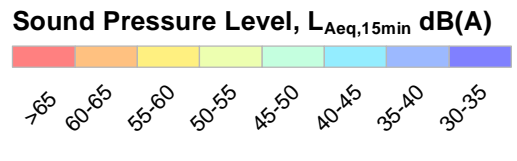
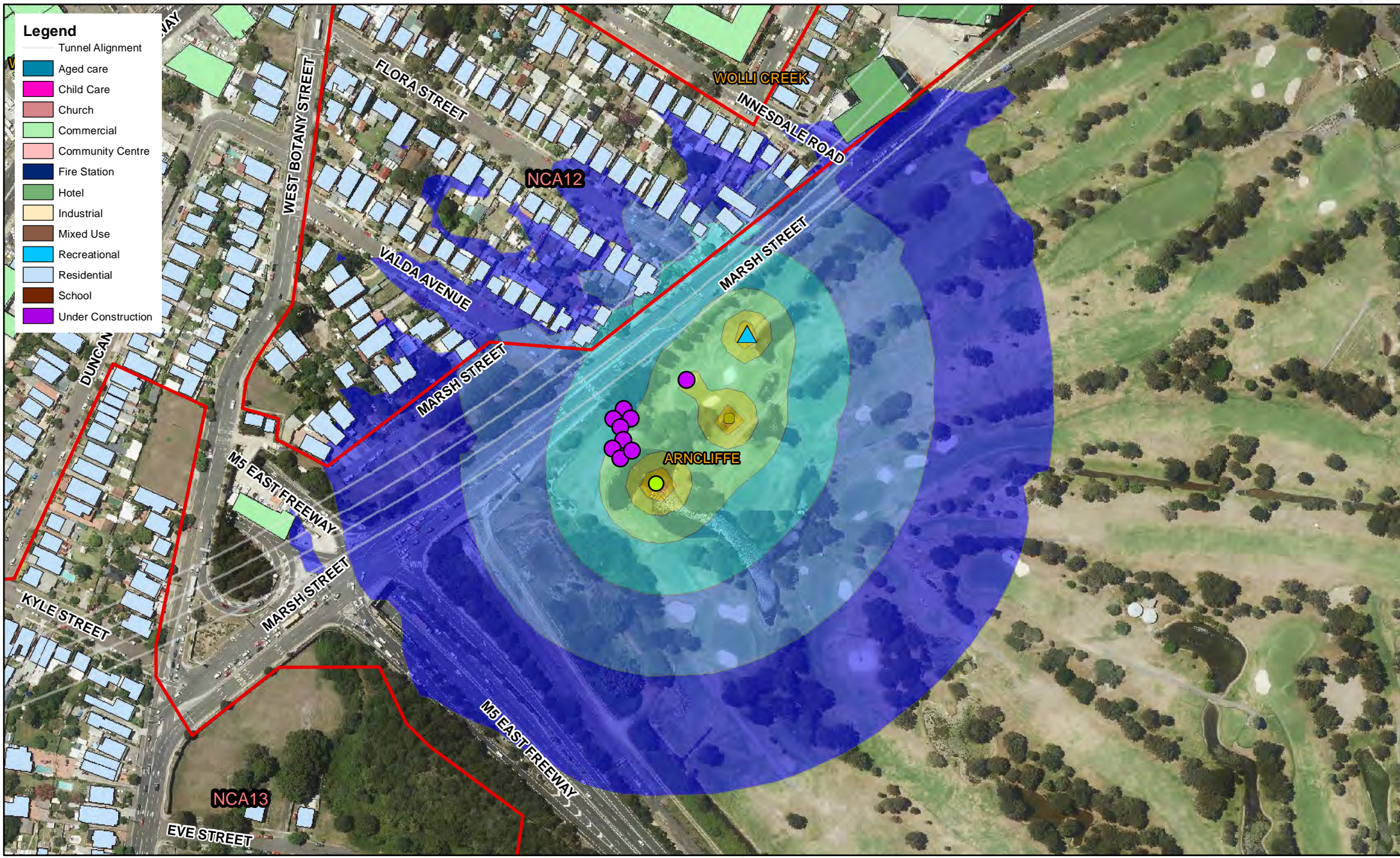
WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Low Speed Traffic Conditions - Neutral Weather
 Source: SKM2014





WestConnex Stage 2
Operational Fixed Facilities - Bexley Road
Low Speed Traffic Conditions - Neutral Weather
Source: SKM2014

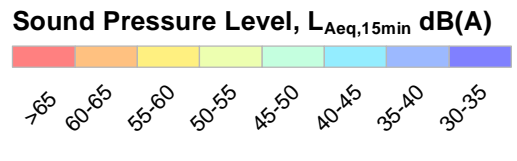
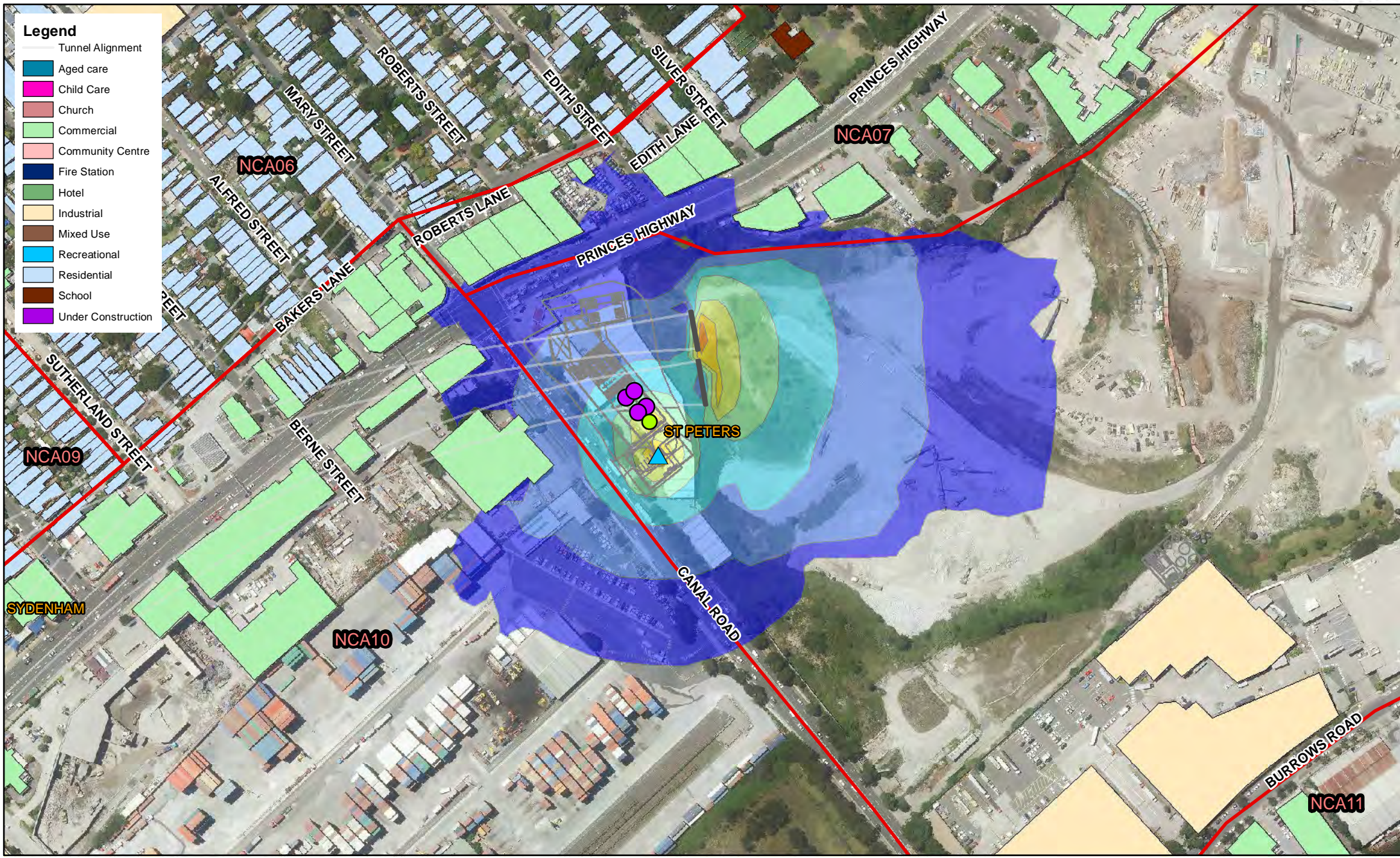




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - Arncliffe
 Low Speed Traffic Conditions - Neutral Weather
 Source: SKM2014

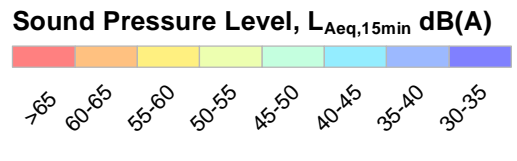
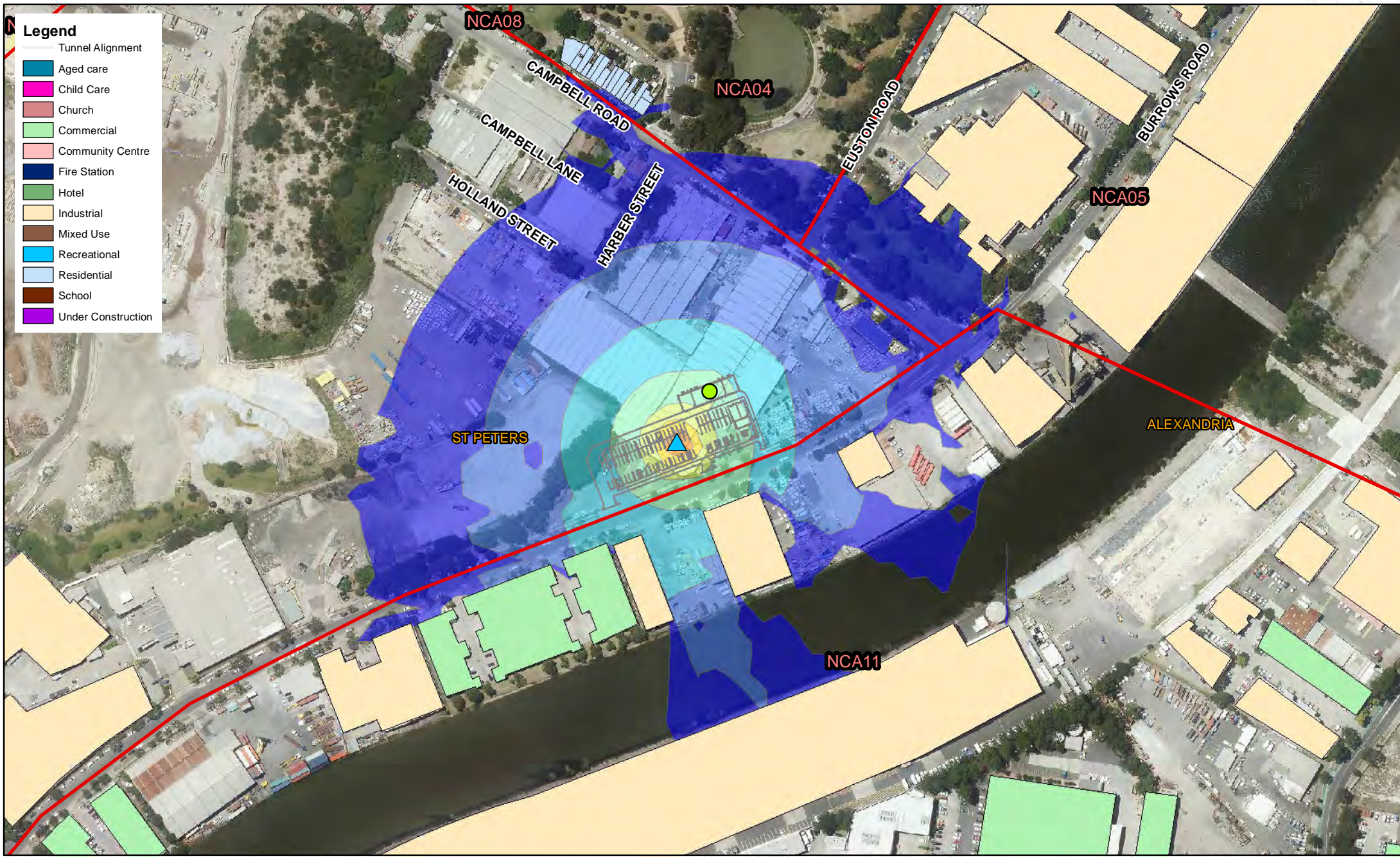




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - St Peters
 Low Speed Traffic Conditions - Neutral Weather
 Source: SKM2014

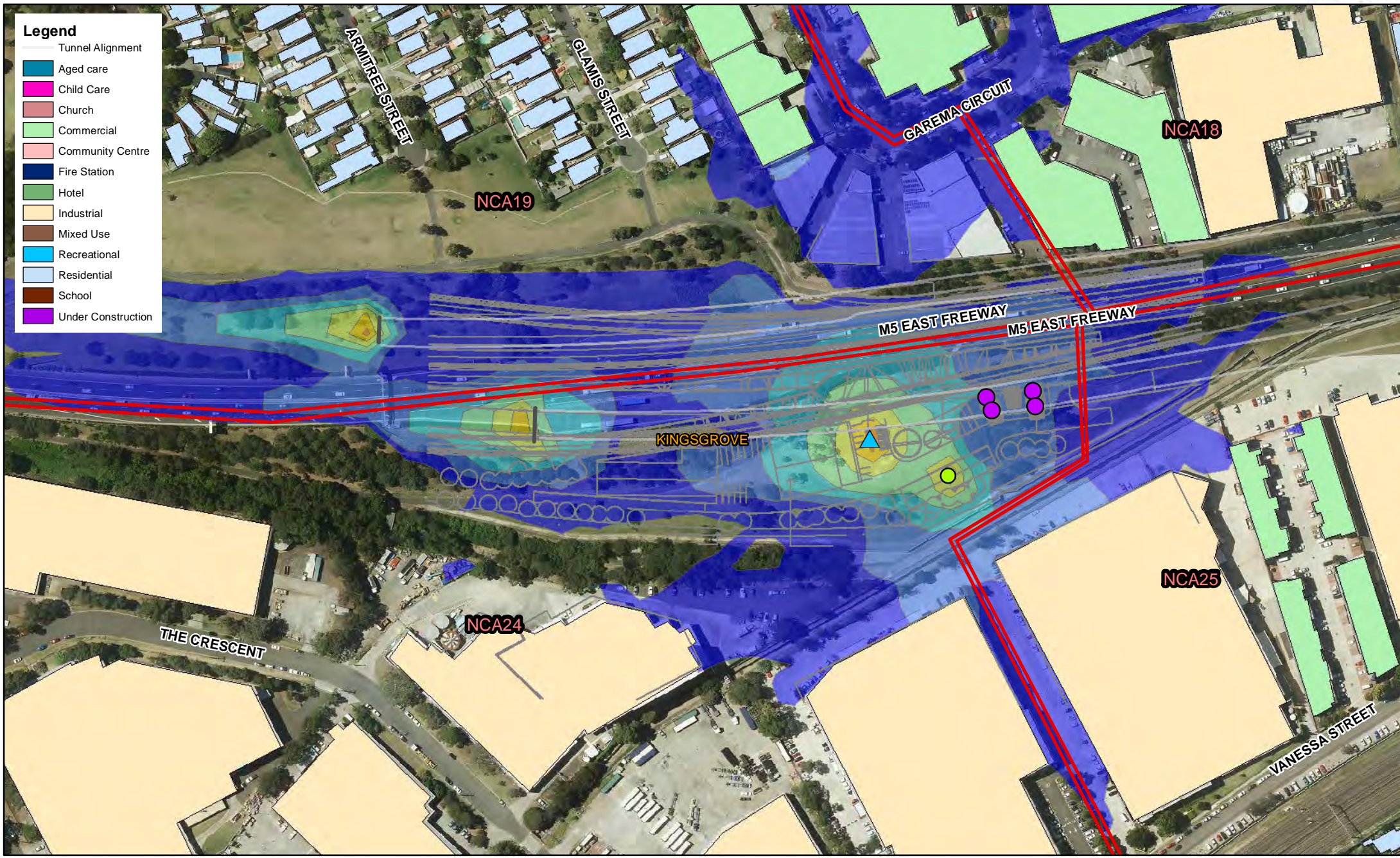




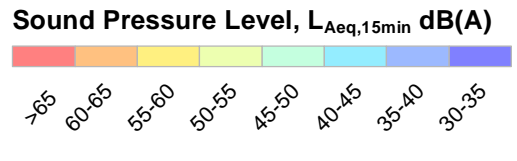
- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Low Speed Traffic Conditions - Neutral Weather
 Source: SKM2014



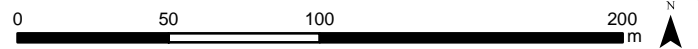


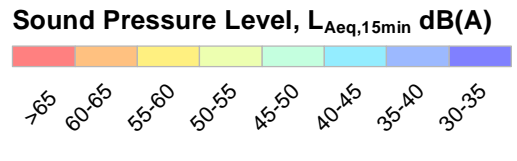
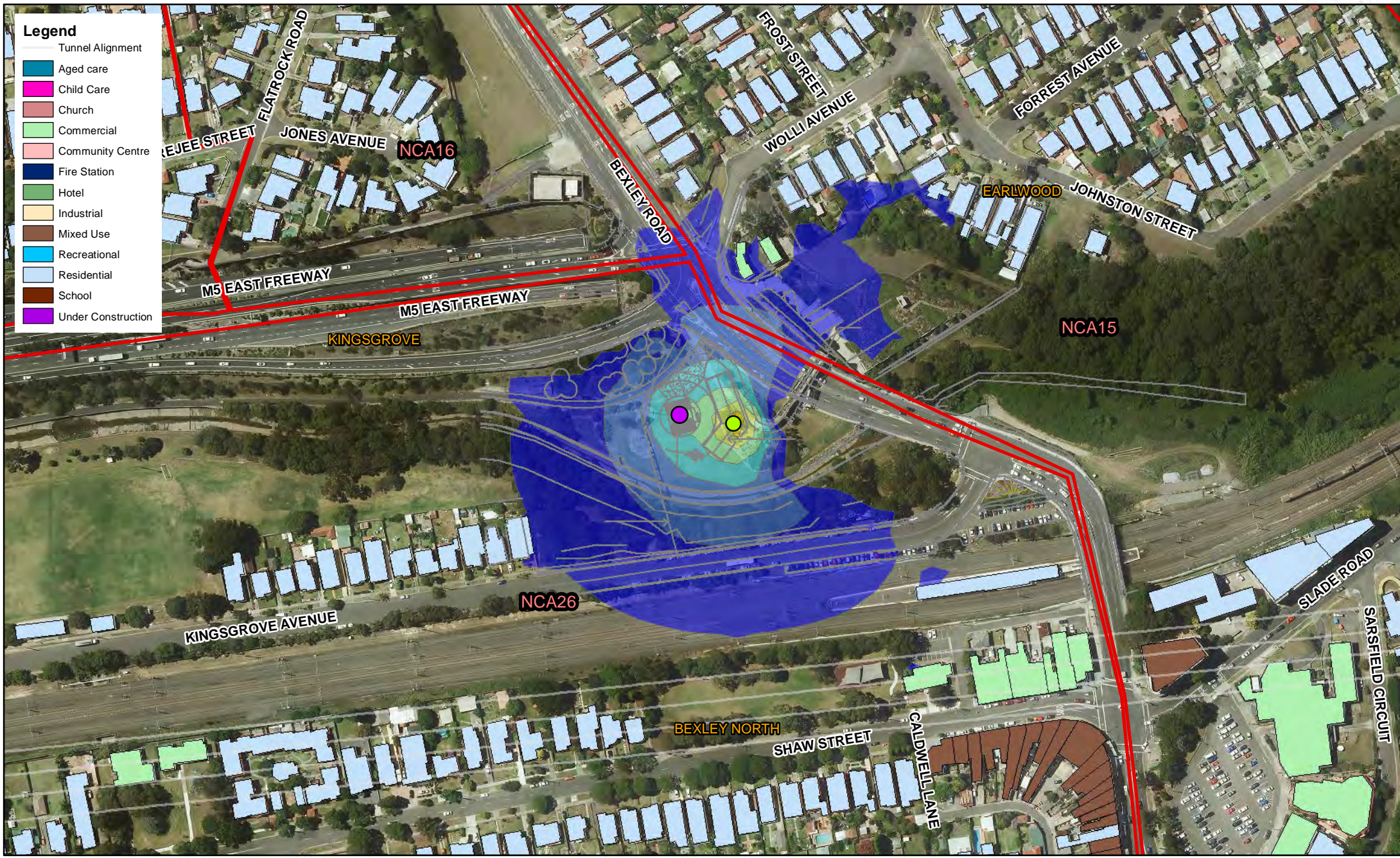
- Legend**
- Tunnel Alignment
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- Tunnel Portal
- WaterTreatmentPlant
- Car parking
- Substation
- VentilationStations_20151409

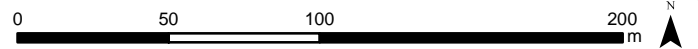
WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Low Speed Traffic Conditions - F-Class Inversions
 Source: SKM2014

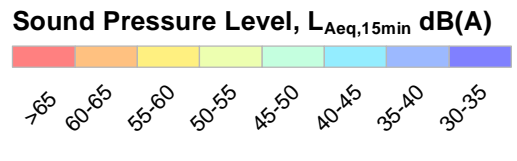
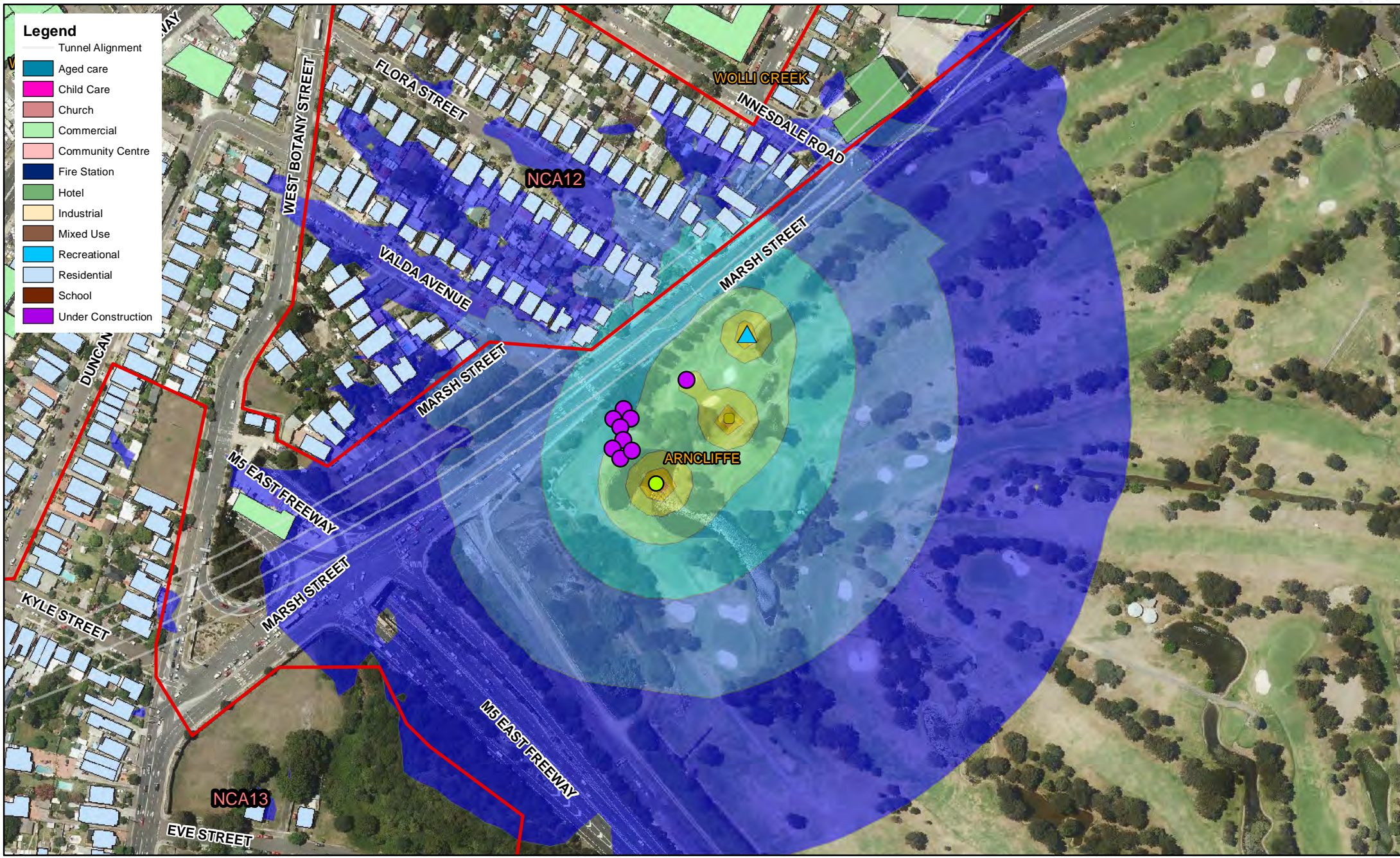




- Tunnel Portal
- WaterTreatmentPlant
- Car parking
- Substation
- VentilationStations_20151409

WestConnex Stage 2
Operational Fixed Facilities - Bexley Road
 Low Speed Traffic Conditions - F-Class Inversions
 Source: SKM2014

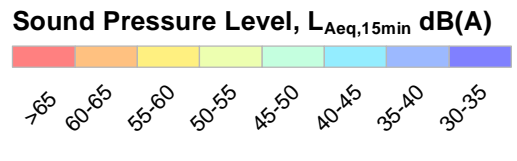
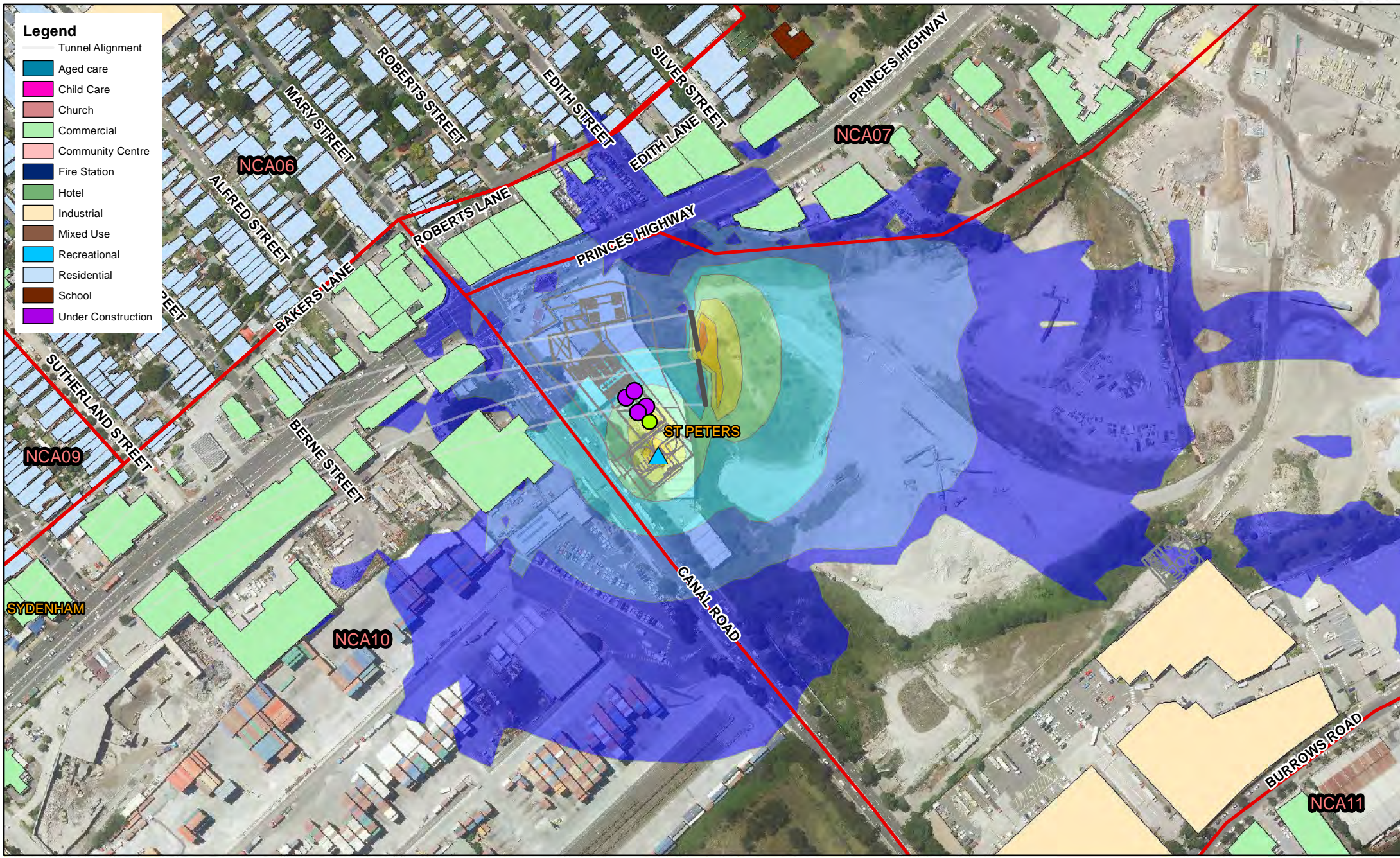




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - Arncliffe
 Low Speed Traffic Conditions - F-class Inversions
 Source: SKM2014

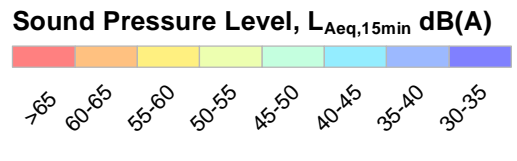
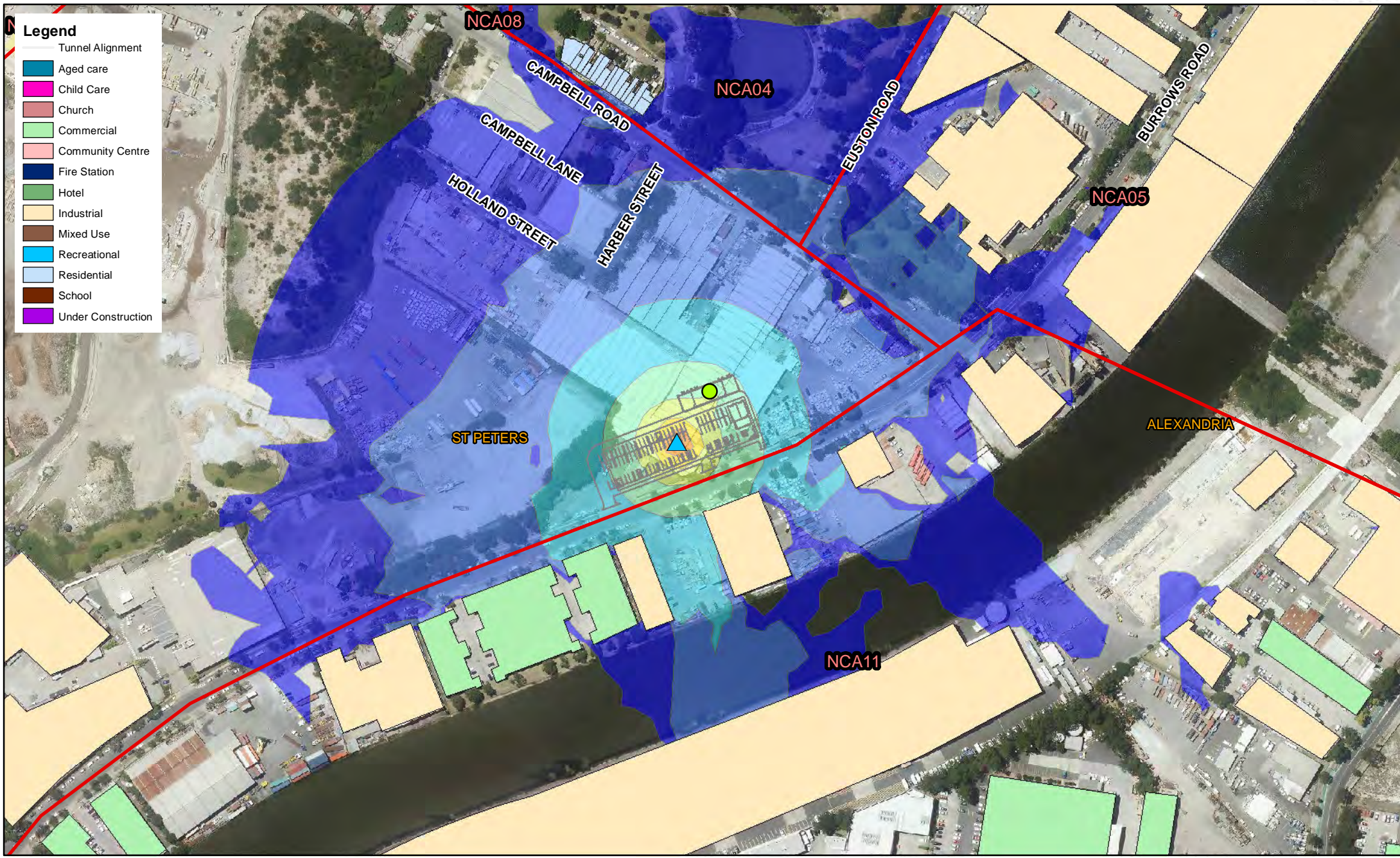




- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - St Peters
 Low Speed Traffic Conditions - F-class Inversions
 Source: SKM2014

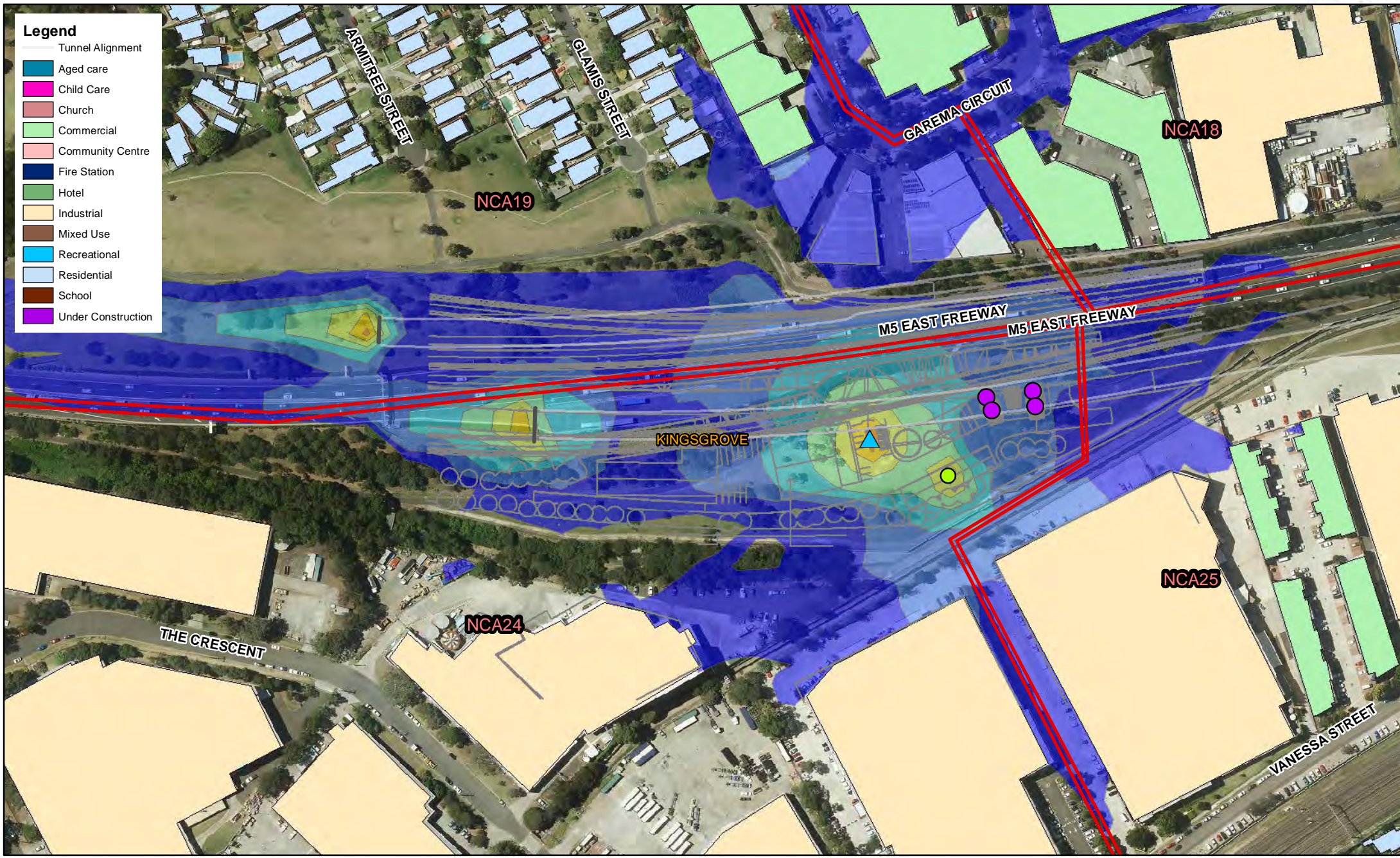




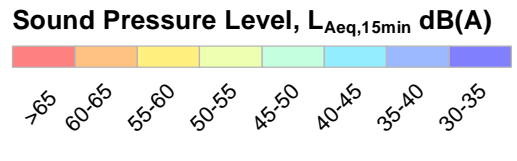
- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Low Speed Traffic Conditions - F-class Inversions
 Source: SKM2014





- Legend**
- Tunnel Alignment
 - Aged care
 - Child Care
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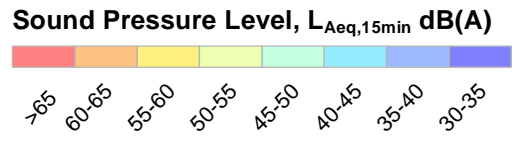
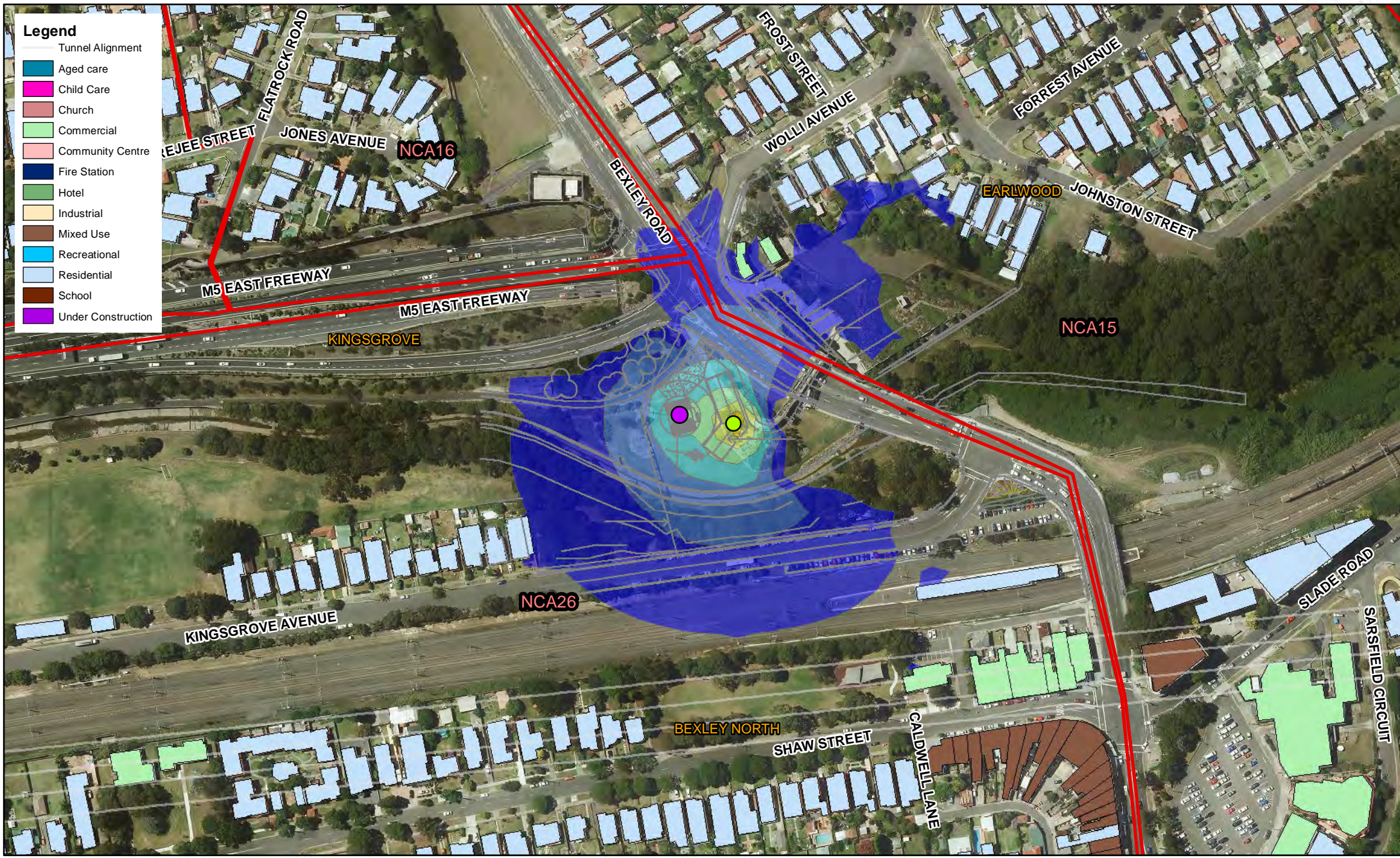


- Tunnel Portal
- WaterTreatmentPlant
- Car parking
- Substation
- VentilationStations_20151409

WestConnex Stage 2
Operational Fixed Facilities - Kingsgrove
 Low Speed Traffic Conditions - 3 m/s source to receiver wind
 Source: SKM2014

0 50 100 200 m

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 60327128
 Fig. 1



- Tunnel Portal
- WaterTreatmentPlant
- Car parking
- Substation
- VentilationStations_20151409

WestConnex Stage 2

Operational Fixed Facilities - Bexley Road

Low Speed Traffic Conditions - 3 m/s source to receiver wind

Source: SKM2014

SEP 2015

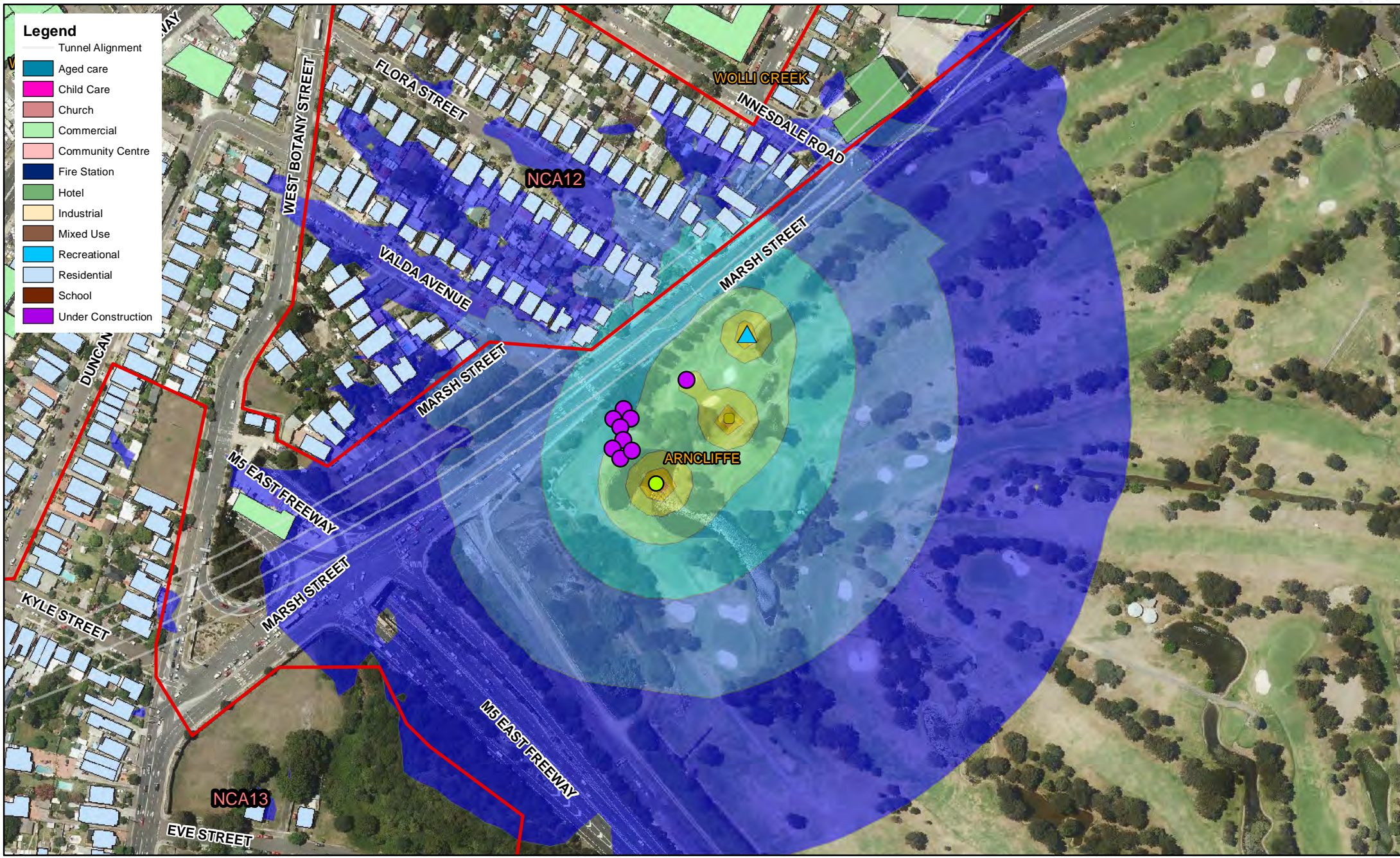
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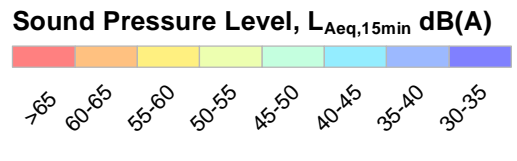
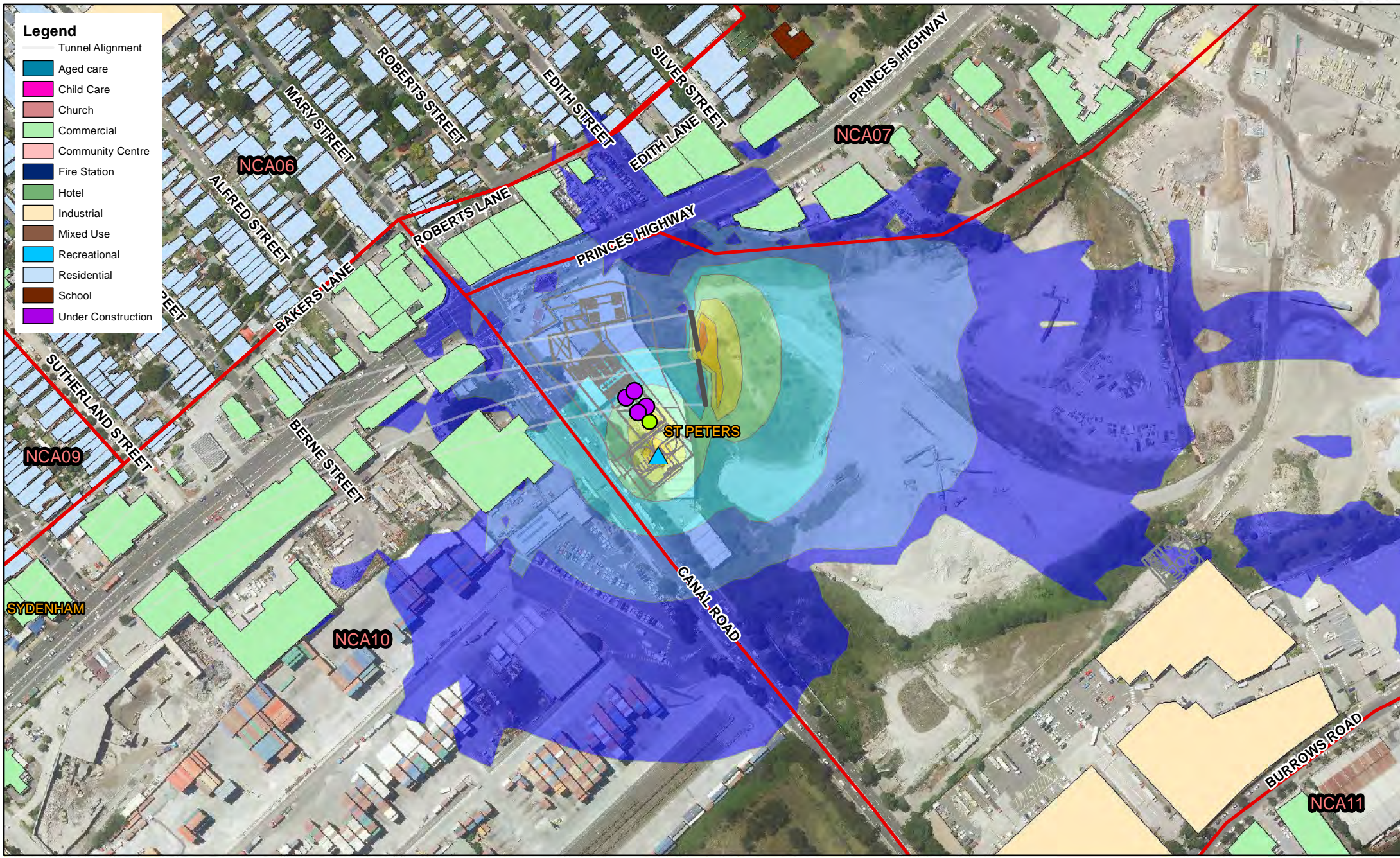
Fig. **2**

0 50 100 200

_____m

▲





- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2

Operational Fixed Facilities - St Peters

Low Speed Traffic Conditions - 3 m/s source to receiver wind

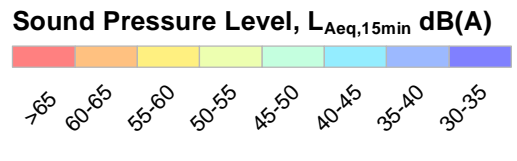
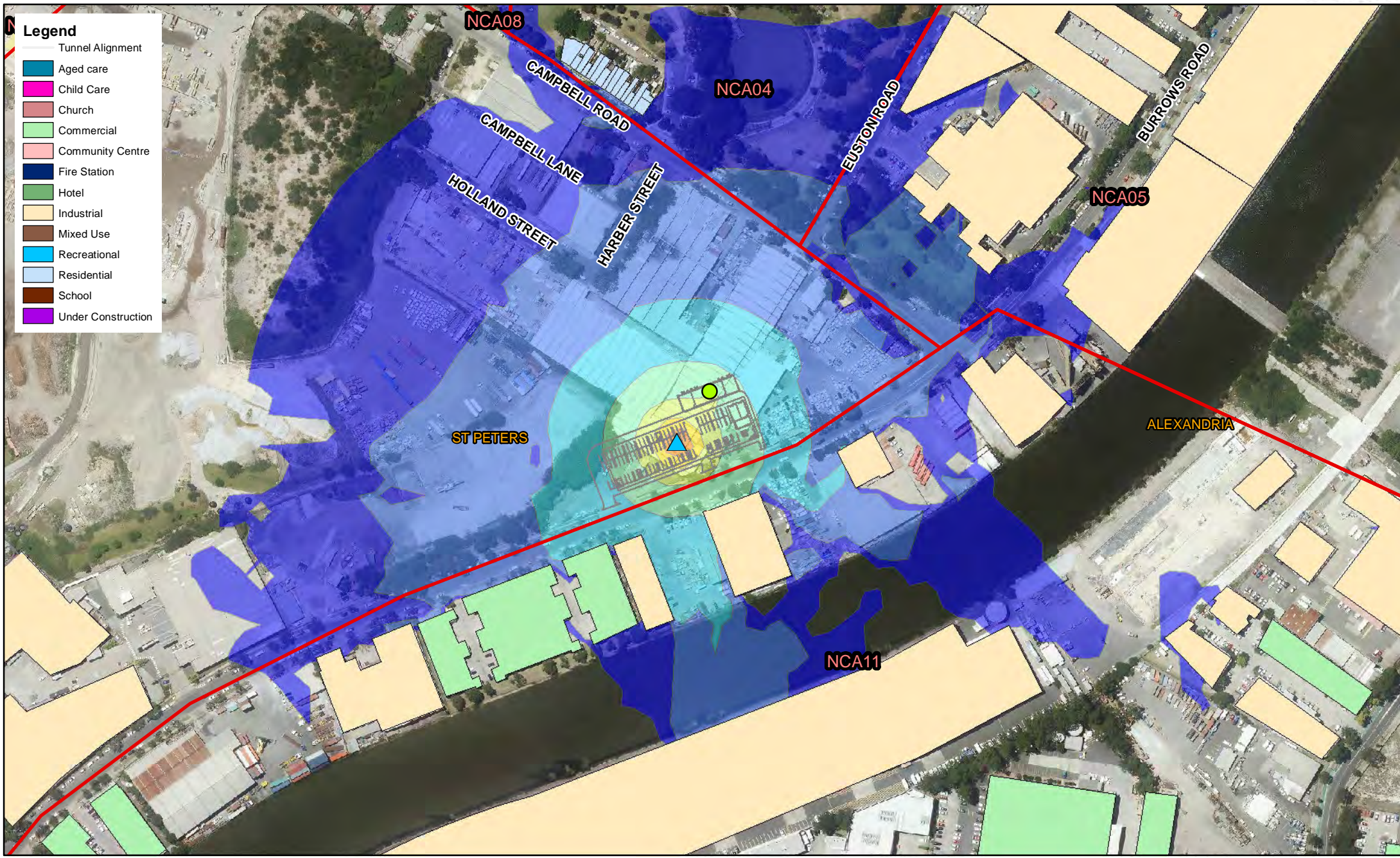
Source: SKM2014

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0 50 100 200 m

Fig. **4**



- Tunnel Portal
- Water Treatment Plant
- Car parking
- Substation
- Ventilation Stations

WestConnex Stage 2
Operational Fixed Facilities - MCC
 Low Speed Traffic Conditions - 3 m/s source to receiver wind
 Source: SKM2014

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0 50 100 200 m

▲

Fig. **5**

