

Appendix 4.4 Predicted Construction Noise Levels (Unmitigated)

Predicted Construction Noise Levels due to TKOLTT Project

NSR	Noise Criteria	2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N1102	75		62	62	62	72	72	72	70	70	78	77	77
N1204	75		63	63	63	74	74	75	72	72	80	80	80
N2105	75		65	65	65	75	75	75	72	72	81	80	80
N3101a	75		84	84	84	73	73	73	71	71	78	78	78
N3104	75		66	66	66	68	68	68	84	84	84	84	84
N4101	70		68	68	68	70	70	70	68	68	76	75	75
N5012	75		60	62	62	75	75	75	76	78	77	78	79
N5072	75		59	63	63	72	72	72	72	73	73	74	75
N6101	75		56	64	64	69	69	69	69	70	69	70	71
N7603	75		54	79	79	79	77	77	77	81	78	78	78

NSR	Noise Criteria	2017												2018											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N1102	75	77	77	77	59	59	59	62	59	78	78	78	79	79	79	79	79	79	79	81	80	81	81	81	81
N1204	75	80	80	80	60	60	60	62	59	80	80	80	80	82	82	82	82	82	82	82	83	83	84	83	84
N2105	75	80	80	80	60	60	60	63	60	81	81	81	81	82	82	82	82	82	82	85	85	86	85	86	
N3101a	75	78	78	78	67	67	67	67	79	79	79	79	80	80	80	80	80	80	80	80	87	87	87	87	87
N3104	75	84	84	84	83	83	83	86	83	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
N4101	70	75	75	75	61	61	61	64	61	76	76	76	76	77	77	77	77	77	77	77	85	85	85	85	85
N5012	75	78	78	78	79	76	77	75	79	79	79	79	79	79	78	78	82	82	83	83	84	84	84	84	84
N5072	75	74	74	74	74	74	73	73	71	75	75	75	75	75	75	76	77	77	77	77	77	77	77	77	77
N6101	75	71	71	70	70	70	70	69	67	73	73	73	73	73	72	73	72	73	73	73	73	73	73	73	73
N7603	75	78	80	75	75	75	75	67	65	77	77	77	77	77	77	77	78	75	76	76	76	76	76	76	76

NSR	Noise Criteria	2019												2020											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N1102	75	81	81	81	80	78	80	77	77	79	79	79	79	79	79	79	78	78	75	76	72	72	71	71	71
N1204	75	84	84	84	83	81	82	80	80	82	82	82	82	81	81	81	78	78	74	74	74	74	74	74	74
N2105	75	86	86	86	85	81	83	80	80	82	82	82	82	81	81	81	78	78	74	74	74	74	74	74	74
N3101a	75	87	87	87	87	79	80	78	78	80	80	80	80	79	78	78	76	76	72	72	72	71	71	71	71
N3104	75	87	84	84	84	84	84	84	84	84	84	84	84	84	74	74	71	71	67	67	67	67	67	67	67
N4101	70	85	85	85	85	76	78	75	77	77	77	77	77	76	76	76	73	73	69	69	69	69	69	69	69
N5012	75	84	84	84	82	82	82	79	80	79	79	78	78	78	80	80	81	80	79	79	75	75	67	67	67
N5072	75	77	77	77	74	75	75	72	73	72	72	71	71	71	71	72	72	72	72	72	70	70	68	68	
N6101	75	73	73	73	68	69	70	67	68	67	66	67	66	66	66	67	67	73	72	72	72	72	72	72	
N7603	75	76	76	77	72	72	74	71	71	71	71	71	71	73	70	70	70	70	70	80	79	79	79	79	79

Predicted Cumulative Construction Noise Levels due to TKOLTT Project & T2 Project (Unmitigated)

NSR AP: N2105

NSR	Project	2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N2105	TKOLTT		65	65	65	75	75	75	72	72	81	80	80
N2105	T2 ⁽¹⁾												
N2105	Cumulative		65	65	65	75	75	75	72	72	81	80	80

NSR	Project	2017												2018											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N2105	TKOLTT	80	80	80	60	60	60	63	60	81	81	81	81	82	82	82	82	82	82	82	85	86	85	86	
N2105	T2 ⁽¹⁾																					65	65	65	65
N2105	Cumulative	80	80	80	60	60	60	63	60	81	81	81	81	82	82	82	82	82	82	82	85	86	85	86	

NSR	Project	2019												2020											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N2105	TKOLTT	86	86	86	85	81	83	80	80	82	82	82	82	81	81	81	78	78	74	74	74	74	74	74	
N2105	T2 ⁽¹⁾	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
N2105	Cumulative	86	86	86	85	81	83	80	80	82	82	82	82	81	81	81	78	78	74	74	74	74	74	74	

NSR AP: N3101a

NSR	Project	2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3101a	TKOLTT		84	84	84	73	73	73	71	71	78	78	78
N3101a	T2 ⁽¹⁾	48	48										
N3101a	Cumulative	48	84	84	84	73	73	73	71	71	78	78	78

NSR	Project	2017												2018											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3101a	TKOLTT	78	78	78	67	67	67	70	67	79	79	79	79	80	80	80	80	80	80	80	87	87	87	87	
N3101a	T2 ⁽¹⁾																					54	54	54	58
N3101a	Cumulative	78	78	78	67	67	67	70	67	79	79	79	79	80	80	80	80	80	80	80	87	87	87	87	

NSR	Project	2019												2020											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3101a	TKOLTT	87	87	87	87	79	80	78	78	80	80	80	80	79	78	78	76	76	72	72	72	71	71	71	
N3101a	T2 ⁽¹⁾	58	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	
N3101a	Cumulative	87	87	87	87	79	80	78	78	80	80	80	80	79	78	78	76	76	72	72	72	71	71	71	

NSR AP: N3104

NSR	Project	2016											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3104	TKOLTT		66	66	66	68	68	84	84	84	84	84	84
N3104	T2 ⁽¹⁾	59	59										
N3104	Cumulative	59	67	66	66	68	71	84	84	84	84	84	84

NSR	Project	2017												2018											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3104	TKOLTT	84	84	84	83	83	83	86	83	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
N3104	T2 ⁽¹⁾	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	
N3104	Cumulative	84	84	84	84	84	84	87	83	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	

NSR	Project	2019												2020											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N3104	TKOLTT	87	84	84	84	84	84	84	84	84	84	84	84	84	74	74	71	71	67	67	67	67	67	67	
N3104	T2 ⁽¹⁾	69	69	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	
N3104	Cumulative	87	84	84	84	84	84	84	84	84	84	84	84	84	74	74	71	71	67	67	67	67	67	67	

Note: (1) Predicted Construction Noise Levels for T2 Project provided by T2 Consultant