

APPENDIX 5.21
Predicted Rail Noise Assessment Results at
Representative NSRs (Unmitigated)

RNAI Results (Daytime, Unmitigated)

RNAI Results (Night Time, Unmitigated)

RNAI Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN01	1/F	35.7	65	57
P1	P1_RN01	2/F	38.4	65	58
P1	P1_RN01	3/F	41.2	65	58
P1	P1_RN01	4/F	44.0	65	58
P1	P1_RN01	5/F	46.7	65	59
P1	P1_RN01	6/F	49.4	65	59
P1	P1_RN01	7/F	52.2	65	59
P1	P1_RN01	8/F	55.0	65	59
P1	P1_RN01	9/F	57.7	65	59
P1	P1_RN01	10/F	60.4	65	59
P1	P1_RN01	11/F	63.2	65	59
P1	P1_RN01	12/F	66.0	65	59
P1	P1_RN01	13/F	68.7	65	59
P1	P1_RN01	14/F	71.4	65	59
P1	P1_RN01	15/F	74.2	65	59
P1	P1_RN01	16/F	77.0	65	59
P1	P1_RN01	17/F	79.7	65	59
P1	P1_RN01	18/F	82.4	65	59
P1	P1_RN01	19/F	85.2	65	59
P1	P1_RN01	20/F	88.0	65	59
P1	P1_RN01	21/F	90.7	65	59
P1	P1_RN01	22/F	93.4	65	59
P1	P1_RN01	23/F	96.2	65	59
P1	P1_RN01	24/F	99.0	65	59
P1	P1_RN01	25/F	101.7	65	59
P1	P1_RN01	26/F	104.4	65	59
P1	P1_RN01	27/F	107.2	65	59
P1	P1_RN01	28/F	110.0	65	59
P1	P1_RN01	29/F	112.7	65	59
P1	P1_RN01	30/F	115.4	65	59
P1	P1_RN01	31/F	118.2	65	58
P1	P1_RN01	32/F	121.0	65	58
P1	P1_RN02	1/F	35.7	65	52
P1	P1_RN02	2/F	38.4	65	52
P1	P1_RN02	3/F	41.2	65	52
P1	P1_RN02	4/F	44.0	65	52
P1	P1_RN02	5/F	46.7	65	52
P1	P1_RN02	6/F	49.4	65	52
P1	P1_RN02	7/F	52.2	65	52
P1	P1_RN02	8/F	55.0	65	52
P1	P1_RN02	9/F	57.7	65	52
P1	P1_RN02	10/F	60.4	65	52
P1	P1_RN02	11/F	63.2	65	52
P1	P1_RN02	12/F	66.0	65	52
P1	P1_RN02	13/F	68.7	65	52
P1	P1_RN02	14/F	71.4	65	52
P1	P1_RN02	15/F	74.2	65	52
P1	P1_RN02	16/F	77.0	65	52
P1	P1_RN02	17/F	79.7	65	52
P1	P1_RN02	18/F	82.4	65	52
P1	P1_RN02	19/F	85.2	65	51
P1	P1_RN02	20/F	88.0	65	51
P1	P1_RN02	21/F	90.7	65	51
P1	P1_RN02	22/F	93.4	65	51
P1	P1_RN02	23/F	96.2	65	51
P1	P1_RN02	24/F	99.0	65	51
P1	P1_RN02	25/F	101.7	65	51

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN01	1/F	35.7	55	56
P1	P1_RN01	2/F	38.4	55	57
P1	P1_RN01	3/F	41.2	55	57
P1	P1_RN01	4/F	44.0	55	57
P1	P1_RN01	5/F	46.7	55	57
P1	P1_RN01	6/F	49.4	55	58
P1	P1_RN01	7/F	52.2	55	58
P1	P1_RN01	8/F	55.0	55	58
P1	P1_RN01	9/F	57.7	55	58
P1	P1_RN01	10/F	60.4	55	58
P1	P1_RN01	11/F	63.2	55	58
P1	P1_RN01	12/F	66.0	55	58
P1	P1_RN01	13/F	68.7	55	58
P1	P1_RN01	14/F	71.4	55	58
P1	P1_RN01	15/F	74.2	55	58
P1	P1_RN01	16/F	77.0	55	58
P1	P1_RN01	17/F	79.7	55	58
P1	P1_RN01	18/F	82.4	55	58
P1	P1_RN01	19/F	85.2	55	58
P1	P1_RN01	20/F	88.0	55	58
P1	P1_RN01	21/F	90.7	55	58
P1	P1_RN01	22/F	93.4	55	58
P1	P1_RN01	23/F	96.2	55	58
P1	P1_RN01	24/F	99.0	55	58
P1	P1_RN01	25/F	101.7	55	58
P1	P1_RN01	26/F	104.4	55	58
P1	P1_RN01	27/F	107.2	55	58
P1	P1_RN01	28/F	110.0	55	58
P1	P1_RN01	29/F	112.7	55	57
P1	P1_RN01	30/F	115.4	55	57
P1	P1_RN01	31/F	118.2	55	57
P1	P1_RN01	32/F	121.0	55	57
P1	P1_RN02	1/F	35.7	55	52
P1	P1_RN02	2/F	38.4	55	52
P1	P1_RN02	3/F	41.2	55	52
P1	P1_RN02	4/F	44.0	55	52
P1	P1_RN02	5/F	46.7	55	52
P1	P1_RN02	6/F	49.4	55	52
P1	P1_RN02	7/F	52.2	55	52
P1	P1_RN02	8/F	55.0	55	52
P1	P1_RN02	9/F	57.7	55	52
P1	P1_RN02	10/F	60.4	55	52
P1	P1_RN02	11/F	63.2	55	52
P1	P1_RN02	12/F	66.0	55	51
P1	P1_RN02	13/F	68.7	55	51
P1	P1_RN02	14/F	71.4	55	51
P1	P1_RN02	15/F	74.2	55	51
P1	P1_RN02	16/F	77.0	55	51
P1	P1_RN02	17/F	79.7	55	51
P1	P1_RN02	18/F	82.4	55	51
P1	P1_RN02	19/F	85.2	55	51
P1	P1_RN02	20/F	88.0	55	51
P1	P1_RN02	21/F	90.7	55	51
P1	P1_RN02	22/F	93.4	55	51
P1	P1_RN02	23/F	96.2	55	51
P1	P1_RN02	24/F	99.0	55	51
P1	P1_RN02	25/F	101.7	55	51

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P1	P1_RN01	1/F	35.7	85	80
P1	P1_RN01	2/F	38.4	85	80
P1	P1_RN01	3/F	41.2	85	80
P1	P1_RN01	4/F	44.0	85	80
P1	P1_RN01	5/F	46.7	85	80
P1	P1_RN01	6/F	49.4	85	80
P1	P1_RN01	7/F	52.2	85	80
P1	P1_RN01	8/F	55.0	85	80
P1	P1_RN01	9/F	57.7	85	79
P1	P1_RN01	10/F	60.4	85	79
P1	P1_RN01	11/F	63.2	85	79
P1	P1_RN01	12/F	66.0	85	79
P1	P1_RN01	13/F	68.7	85	79
P1	P1_RN01	14/F	71.4	85	79
P1	P1_RN01	15/F	74.2	85	79
P1	P1_RN01	16/F	77.0	85	79
P1	P1_RN01	17/F	79.7	85	79
P1	P1_RN01	18/F	82.4	85	79
P1	P1_RN01	19/F	85.2	85	78
P1	P1_RN01	20/F	88.0	85	78
P1	P1_RN01	21/F	90.7	85	78
P1	P1_RN01	22/F	93.4	85	78
P1	P1_RN01	23/F	96.2	85	78
P1	P1_RN01	24/F	99.0	85	78
P1	P1_RN01	25/F	101.7	85	78
P1	P1_RN01	26/F	104.4	85	78
P1	P1_RN01	27/F	107.2	85	78
P1	P1_RN01	28/F	110.0	85	78
P1	P1_RN01	29/F	112.7	85	77
P1	P1_RN01	30/F	115.4	85	77
P1	P1_RN01	31/F	118.2	85	77
P1	P1_RN01	32/F	121.0	85	77
P1	P1_RN02	1/F	35.7	85	76
P1	P1_RN02	2/F	38.4	85	76
P1	P1_RN02	3/F	41.2	85	76
P1	P1_RN02	4/F	44.0	85	76
P1	P1_RN02	5/F	46.7	85	76
P1	P1_RN02	6/F	49.4	85	76
P1	P1_RN02	7/F	52.2	85	76
P1	P1_RN02	8/F	55.0	85	76
P1	P1_RN02	9/F	57.7	85	76
P1	P1_RN02	10/F	60.4	85	76
P1	P1_RN02	11/F	63.2	85	76
P1	P1_RN02	12/F	66.0	85	76
P1	P1_RN02	13/F	68.7	85	76
P1	P1_RN02	14/F	71.4	85	76
P1	P1_RN02	15/F	74.2	85	76
P1	P1_RN02	16/F	77.0	85	76
P1	P1_RN02	17/F	79.7	85	76
P1	P1_RN02	18/F	82.4	85	76
P1	P1_RN02	19/F	85.2	85	76
P1	P1_RN02	20/F	88.0	85	76
P1	P1_RN02	21/F	90.7	85	76
P1	P1_RN02	22/F	93.4	85	76
P1	P1_RN02	23/F	96.2	85	76
P1	P1_RN02	24/F	99.0	85	75
P1	P1_RN02	25/F	101.7	85	75

RNA Results (Daytime, Unmitigated)

RNA Results (Night Time, Unmitigated)

RNA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN02	26/F	104.4	65	51
P1	P1_RN02	27/F	107.2	65	51
P1	P1_RN02	28/F	110.0	65	51
P1	P1_RN02	29/F	112.7	65	51
P1	P1_RN02	30/F	115.4	65	51
P1	P1_RN02	31/F	118.2	65	51
P1	P1_RN02	32/F	121.0	65	51
P1	P1_RN03	1/F	35.7	70	58
P1	P1_RN03	2/F	38.4	70	58
P1	P1_RN03	3/F	41.2	70	58
P1	P1_RN03	4/F	44.0	70	58
P1	P1_RN03	5/F	46.7	70	58
P1	P1_RN03	6/F	49.4	70	58
P1	P1_RN03	7/F	52.2	70	58
P1	P1_RN03	8/F	55.0	70	58
P1	P1_RN03	9/F	57.7	70	58
P1	P1_RN03	10/F	60.4	70	58
P1	P1_RN03	11/F	63.2	70	58
P1	P1_RN03	12/F	66.0	70	58
P1	P1_RN03	13/F	68.7	70	58
P1	P1_RN03	14/F	71.4	70	58
P1	P1_RN03	15/F	74.2	70	58
P1	P1_RN03	16/F	77.0	70	58
P1	P1_RN03	17/F	79.7	70	58
P1	P1_RN03	18/F	82.4	70	58
P1	P1_RN03	19/F	85.2	70	58
P1	P1_RN03	20/F	88.0	70	58
P1	P1_RN03	21/F	90.7	70	58
P1	P1_RN03	22/F	93.4	70	58
P1	P1_RN03	23/F	96.2	70	58
P1	P1_RN03	24/F	99.0	70	58
P1	P1_RN03	25/F	101.7	70	58
P1	P1_RN03	26/F	104.4	70	58
P1	P1_RN03	27/F	107.2	70	57
P1	P1_RN03	28/F	110.0	70	57
P1	P1_RN03	29/F	112.7	70	57
P1	P1_RN03	30/F	115.4	70	57
P1	P1_RN03	31/F	118.2	70	57
P1	P1_RN03	32/F	121.0	70	57
P1	P1_RN04	1/F	35.7	70	59
P1	P1_RN04	2/F	38.4	70	60
P1	P1_RN04	3/F	41.2	70	60
P1	P1_RN04	4/F	44.0	70	60
P1	P1_RN04	5/F	46.7	70	60
P1	P1_RN04	6/F	49.4	70	60
P1	P1_RN04	7/F	52.2	70	60
P1	P1_RN04	8/F	55.0	70	60
P1	P1_RN04	9/F	57.7	70	60
P1	P1_RN04	10/F	60.4	70	60
P1	P1_RN04	11/F	63.2	70	60
P1	P1_RN04	12/F	66.0	70	60
P1	P1_RN04	13/F	68.7	70	60
P1	P1_RN04	14/F	71.4	70	60
P1	P1_RN04	15/F	74.2	70	60
P1	P1_RN04	16/F	77.0	70	59
P1	P1_RN04	17/F	79.7	70	59
P1	P1_RN04	18/F	82.4	70	60

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN02	26/F	104.4	55	51
P1	P1_RN02	27/F	107.2	55	51
P1	P1_RN02	28/F	110.0	55	51
P1	P1_RN02	29/F	112.7	55	51
P1	P1_RN02	30/F	115.4	55	50
P1	P1_RN02	31/F	118.2	55	50
P1	P1_RN02	32/F	121.0	55	50
P1	P1_RN03	1/F	35.7	60	57
P1	P1_RN03	2/F	38.4	60	57
P1	P1_RN03	3/F	41.2	60	57
P1	P1_RN03	4/F	44.0	60	58
P1	P1_RN03	5/F	46.7	60	58
P1	P1_RN03	6/F	49.4	60	58
P1	P1_RN03	7/F	52.2	60	58
P1	P1_RN03	8/F	55.0	60	58
P1	P1_RN03	9/F	57.7	60	58
P1	P1_RN03	10/F	60.4	60	58
P1	P1_RN03	11/F	63.2	60	58
P1	P1_RN03	12/F	66.0	60	57
P1	P1_RN03	13/F	68.7	60	57
P1	P1_RN03	14/F	71.4	60	57
P1	P1_RN03	15/F	74.2	60	57
P1	P1_RN03	16/F	77.0	60	57
P1	P1_RN03	17/F	79.7	60	57
P1	P1_RN03	18/F	82.4	60	57
P1	P1_RN03	19/F	85.2	60	57
P1	P1_RN03	20/F	88.0	60	57
P1	P1_RN03	21/F	90.7	60	57
P1	P1_RN03	22/F	93.4	60	57
P1	P1_RN03	23/F	96.2	60	57
P1	P1_RN03	24/F	99.0	60	57
P1	P1_RN03	25/F	101.7	60	57
P1	P1_RN03	26/F	104.4	60	57
P1	P1_RN03	27/F	107.2	60	57
P1	P1_RN03	28/F	110.0	60	57
P1	P1_RN03	29/F	112.7	60	57
P1	P1_RN03	30/F	115.4	60	57
P1	P1_RN03	31/F	118.2	60	56
P1	P1_RN03	32/F	121.0	60	56
P1	P1_RN04	1/F	35.7	60	59
P1	P1_RN04	2/F	38.4	60	59
P1	P1_RN04	3/F	41.2	60	59
P1	P1_RN04	4/F	44.0	60	59
P1	P1_RN04	5/F	46.7	60	59
P1	P1_RN04	6/F	49.4	60	59
P1	P1_RN04	7/F	52.2	60	59
P1	P1_RN04	8/F	55.0	60	59
P1	P1_RN04	9/F	57.7	60	59
P1	P1_RN04	10/F	60.4	60	59
P1	P1_RN04	11/F	63.2	60	59
P1	P1_RN04	12/F	66.0	60	59
P1	P1_RN04	13/F	68.7	60	59
P1	P1_RN04	14/F	71.4	60	59
P1	P1_RN04	15/F	74.2	60	59
P1	P1_RN04	16/F	77.0	60	59
P1	P1_RN04	17/F	79.7	60	59
P1	P1_RN04	18/F	82.4	60	59

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P1	P1_RN02	26/F	104.4	85	75
P1	P1_RN02	27/F	107.2	85	75
P1	P1_RN02	28/F	110.0	85	75
P1	P1_RN02	29/F	112.7	85	75
P1	P1_RN02	30/F	115.4	85	75
P1	P1_RN02	31/F	118.2	85	75
P1	P1_RN02	32/F	121.0	85	75
P1	P1_RN03	1/F	35.7	85	79
P1	P1_RN03	2/F	38.4	85	79
P1	P1_RN03	3/F	41.2	85	79
P1	P1_RN03	4/F	44.0	85	78
P1	P1_RN03	5/F	46.7	85	78
P1	P1_RN03	6/F	49.4	85	78
P1	P1_RN03	7/F	52.2	85	78
P1	P1_RN03	8/F	55.0	85	78
P1	P1_RN03	9/F	57.7	85	78
P1	P1_RN03	10/F	60.4	85	78
P1	P1_RN03	11/F	63.2	85	78
P1	P1_RN03	12/F	66.0	85	78
P1	P1_RN03	13/F	68.7	85	78
P1	P1_RN03	14/F	71.4	85	78
P1	P1_RN03	15/F	74.2	85	78
P1	P1_RN03	16/F	77.0	85	78
P1	P1_RN03	17/F	79.7	85	78
P1	P1_RN03	18/F	82.4	85	78
P1	P1_RN03	19/F	85.2	85	77
P1	P1_RN03	20/F	88.0	85	77
P1	P1_RN03	21/F	90.7	85	77
P1	P1_RN03	22/F	93.4	85	77
P1	P1_RN03	23/F	96.2	85	77
P1	P1_RN03	24/F	99.0	85	77
P1	P1_RN03	25/F	101.7	85	77
P1	P1_RN03	26/F	104.4	85	77
P1	P1_RN03	27/F	107.2	85	77
P1	P1_RN03	28/F	110.0	85	77
P1	P1_RN03	29/F	112.7	85	77
P1	P1_RN03	30/F	115.4	85	77
P1	P1_RN03	31/F	118.2	85	77
P1	P1_RN03	32/F	121.0	85	76
P1	P1_RN04	1/F	35.7	85	80
P1	P1_RN04	2/F	38.4	85	80
P1	P1_RN04	3/F	41.2	85	79
P1	P1_RN04	4/F	44.0	85	79
P1	P1_RN04	5/F	46.7	85	79
P1	P1_RN04	6/F	49.4	85	79
P1	P1_RN04	7/F	52.2	85	79
P1	P1_RN04	8/F	55.0	85	79
P1	P1_RN04	9/F	57.7	85	79
P1	P1_RN04	10/F	60.4	85	79
P1	P1_RN04	11/F	63.2	85	79
P1	P1_RN04	12/F	66.0	85	79
P1	P1_RN04	13/F	68.7	85	79
P1	P1_RN04	14/F	71.4	85	79
P1	P1_RN04	15/F	74.2	85	79
P1	P1_RN04	16/F	77.0	85	78
P1	P1_RN04	17/F	79.7	85	78
P1	P1_RN04	18/F	82.4	85	78

RNA Results (Daytime, Unmitigated)

RNA Results (Night Time, Unmitigated)

RNA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN04	19/F	85.2	70	60
P1	P1_RN04	20/F	88.0	70	60
P1	P1_RN04	21/F	90.7	70	59
P1	P1_RN04	22/F	93.4	70	59
P1	P1_RN04	23/F	96.2	70	59
P1	P1_RN04	24/F	99.0	70	59
P1	P1_RN04	25/F	101.7	70	59
P1	P1_RN04	26/F	104.4	70	59
P1	P1_RN04	27/F	107.2	70	59
P1	P1_RN04	28/F	110.0	70	59
P1	P1_RN04	29/F	112.7	70	59
P1	P1_RN04	30/F	115.4	70	59
P1	P1_RN04	31/F	118.2	70	59
P1	P1_RN04	32/F	121.0	70	59
P1	P1_RN05	1/F	35.7	70	62
P1	P1_RN05	2/F	38.4	70	62
P1	P1_RN05	3/F	41.2	70	62
P1	P1_RN05	4/F	44.0	70	62
P1	P1_RN05	5/F	46.7	70	62
P1	P1_RN05	6/F	49.4	70	62
P1	P1_RN05	7/F	52.2	70	62
P1	P1_RN05	8/F	55.0	70	62
P1	P1_RN05	9/F	57.7	70	62
P1	P1_RN05	10/F	60.4	70	62
P1	P1_RN05	11/F	63.2	70	63
P1	P1_RN05	12/F	66.0	70	62
P1	P1_RN05	13/F	68.7	70	62
P1	P1_RN05	14/F	71.4	70	62
P1	P1_RN05	15/F	74.2	70	62
P1	P1_RN05	16/F	77.0	70	62
P1	P1_RN05	17/F	79.7	70	62
P1	P1_RN05	18/F	82.4	70	62
P1	P1_RN05	19/F	85.2	70	62
P1	P1_RN05	20/F	88.0	70	62
P1	P1_RN05	21/F	90.7	70	62
P1	P1_RN05	22/F	93.4	70	62
P1	P1_RN05	23/F	96.2	70	62
P1	P1_RN05	24/F	99.0	70	62
P1	P1_RN05	25/F	101.7	70	61
P1	P1_RN05	26/F	104.4	70	61
P1	P1_RN05	27/F	107.2	70	61
P1	P1_RN05	28/F	110.0	70	61
P1	P1_RN05	29/F	112.7	70	61
P1	P1_RN05	30/F	115.4	70	61
P1	P1_RN05	31/F	118.2	70	61
P1	P1_RN05	32/F	121.0	70	61
P1	P1_RN06	1/F	35.7	70	63
P1	P1_RN06	2/F	38.4	70	63
P1	P1_RN06	3/F	41.2	70	63
P1	P1_RN06	4/F	44.0	70	63
P1	P1_RN06	5/F	46.7	70	63
P1	P1_RN06	6/F	49.4	70	63
P1	P1_RN06	7/F	52.2	70	63
P1	P1_RN06	8/F	55.0	70	63
P1	P1_RN06	9/F	57.7	70	63
P1	P1_RN06	10/F	60.4	70	63
P1	P1_RN06	11/F	63.2	70	63

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN04	19/F	85.2	60	59
P1	P1_RN04	20/F	88.0	60	59
P1	P1_RN04	21/F	90.7	60	59
P1	P1_RN04	22/F	93.4	60	59
P1	P1_RN04	23/F	96.2	60	58
P1	P1_RN04	24/F	99.0	60	58
P1	P1_RN04	25/F	101.7	60	58
P1	P1_RN04	26/F	104.4	60	58
P1	P1_RN04	27/F	107.2	60	58
P1	P1_RN04	28/F	110.0	60	58
P1	P1_RN04	29/F	112.7	60	58
P1	P1_RN04	30/F	115.4	60	58
P1	P1_RN04	31/F	118.2	60	58
P1	P1_RN04	32/F	121.0	60	58
P1	P1_RN05	1/F	35.7	60	61
P1	P1_RN05	2/F	38.4	60	61
P1	P1_RN05	3/F	41.2	60	61
P1	P1_RN05	4/F	44.0	60	62
P1	P1_RN05	5/F	46.7	60	62
P1	P1_RN05	6/F	49.4	60	62
P1	P1_RN05	7/F	52.2	60	61
P1	P1_RN05	8/F	55.0	60	61
P1	P1_RN05	9/F	57.7	60	61
P1	P1_RN05	10/F	60.4	60	61
P1	P1_RN05	11/F	63.2	60	62
P1	P1_RN05	12/F	66.0	60	61
P1	P1_RN05	13/F	68.7	60	61
P1	P1_RN05	14/F	71.4	60	61
P1	P1_RN05	15/F	74.2	60	61
P1	P1_RN05	16/F	77.0	60	61
P1	P1_RN05	17/F	79.7	60	61
P1	P1_RN05	18/F	82.4	60	61
P1	P1_RN05	19/F	85.2	60	61
P1	P1_RN05	20/F	88.0	60	61
P1	P1_RN05	21/F	90.7	60	61
P1	P1_RN05	22/F	93.4	60	61
P1	P1_RN05	23/F	96.2	60	61
P1	P1_RN05	24/F	99.0	60	60
P1	P1_RN05	25/F	101.7	60	60
P1	P1_RN05	26/F	104.4	60	60
P1	P1_RN05	27/F	107.2	60	60
P1	P1_RN05	28/F	110.0	60	60
P1	P1_RN05	29/F	112.7	60	60
P1	P1_RN05	30/F	115.4	60	60
P1	P1_RN05	31/F	118.2	60	60
P1	P1_RN05	32/F	121.0	60	60
P1	P1_RN06	1/F	35.7	60	62
P1	P1_RN06	2/F	38.4	60	62
P1	P1_RN06	3/F	41.2	60	62
P1	P1_RN06	4/F	44.0	60	62
P1	P1_RN06	5/F	46.7	60	62
P1	P1_RN06	6/F	49.4	60	62
P1	P1_RN06	7/F	52.2	60	62
P1	P1_RN06	8/F	55.0	60	62
P1	P1_RN06	9/F	57.7	60	62
P1	P1_RN06	10/F	60.4	60	62
P1	P1_RN06	11/F	63.2	60	62

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P1	P1_RN04	19/F	85.2	85	78
P1	P1_RN04	20/F	88.0	85	78
P1	P1_RN04	21/F	90.7	85	78
P1	P1_RN04	22/F	93.4	85	78
P1	P1_RN04	23/F	96.2	85	78
P1	P1_RN04	24/F	99.0	85	78
P1	P1_RN04	25/F	101.7	85	78
P1	P1_RN04	26/F	104.4	85	77
P1	P1_RN04	27/F	107.2	85	77
P1	P1_RN04	28/F	110.0	85	77
P1	P1_RN04	29/F	112.7	85	77
P1	P1_RN04	30/F	115.4	85	77
P1	P1_RN04	31/F	118.2	85	77
P1	P1_RN04	32/F	121.0	85	77
P1	P1_RN05	1/F	35.7	85	81
P1	P1_RN05	2/F	38.4	85	81
P1	P1_RN05	3/F	41.2	85	81
P1	P1_RN05	4/F	44.0	85	81
P1	P1_RN05	5/F	46.7	85	81
P1	P1_RN05	6/F	49.4	85	81
P1	P1_RN05	7/F	52.2	85	81
P1	P1_RN05	8/F	55.0	85	80
P1	P1_RN05	9/F	57.7	85	80
P1	P1_RN05	10/F	60.4	85	80
P1	P1_RN05	11/F	63.2	85	80
P1	P1_RN05	12/F	66.0	85	80
P1	P1_RN05	13/F	68.7	85	80
P1	P1_RN05	14/F	71.4	85	80
P1	P1_RN05	15/F	74.2	85	79
P1	P1_RN05	16/F	77.0	85	79
P1	P1_RN05	17/F	79.7	85	79
P1	P1_RN05	18/F	82.4	85	79
P1	P1_RN05	19/F	85.2	85	79
P1	P1_RN05	20/F	88.0	85	79
P1	P1_RN05	21/F	90.7	85	79
P1	P1_RN05	22/F	93.4	85	79
P1	P1_RN05	23/F	96.2	85	78
P1	P1_RN05	24/F	99.0	85	78
P1	P1_RN05	25/F	101.7	85	78
P1	P1_RN05	26/F	104.4	85	78
P1	P1_RN05	27/F	107.2	85	78
P1	P1_RN05	28/F	110.0	85	78
P1	P1_RN05	29/F	112.7	85	78
P1	P1_RN05	30/F	115.4	85	78
P1	P1_RN05	31/F	118.2	85	78
P1	P1_RN05	32/F	121.0	85	77
P1	P1_RN06	1/F	35.7	85	82
P1	P1_RN06	2/F	38.4	85	81
P1	P1_RN06	3/F	41.2	85	81
P1	P1_RN06	4/F	44.0	85	81
P1	P1_RN06	5/F	46.7	85	81
P1	P1_RN06	6/F	49.4	85	81
P1	P1_RN06	7/F	52.2	85	81
P1	P1_RN06	8/F	55.0	85	81
P1	P1_RN06	9/F	57.7	85	81
P1	P1_RN06	10/F	60.4	85	80
P1	P1_RN06	11/F	63.2	85	80

RNA Results (Daytime, Unmitigated)

RNA Results (Night Time, Unmitigated)

RNA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN06	12/F	66.0	70	63
P1	P1_RN06	13/F	68.7	70	63
P1	P1_RN06	14/F	71.4	70	63
P1	P1_RN06	15/F	74.2	70	63
P1	P1_RN06	16/F	77.0	70	63
P1	P1_RN06	17/F	79.7	70	63
P1	P1_RN06	18/F	82.4	70	63
P1	P1_RN06	19/F	85.2	70	63
P1	P1_RN06	20/F	88.0	70	62
P1	P1_RN06	21/F	90.7	70	62
P1	P1_RN06	22/F	93.4	70	62
P1	P1_RN06	23/F	96.2	70	62
P1	P1_RN06	24/F	99.0	70	62
P1	P1_RN06	25/F	101.7	70	62
P1	P1_RN06	26/F	104.4	70	62
P1	P1_RN06	27/F	107.2	70	62
P1	P1_RN06	28/F	110.0	70	62
P1	P1_RN06	29/F	112.7	70	62
P1	P1_RN06	30/F	115.4	70	61
P1	P1_RN06	31/F	118.2	70	61
P1	P1_RN06	32/F	121.0	70	61
P1	P1_RN07	1/F	35.7	70	63
P1	P1_RN07	2/F	38.4	70	63
P1	P1_RN07	3/F	41.2	70	63
P1	P1_RN07	4/F	44.0	70	63
P1	P1_RN07	5/F	46.7	70	63
P1	P1_RN07	6/F	49.4	70	63
P1	P1_RN07	7/F	52.2	70	63
P1	P1_RN07	8/F	55.0	70	63
P1	P1_RN07	9/F	57.7	70	63
P1	P1_RN07	10/F	60.4	70	63
P1	P1_RN07	11/F	63.2	70	63
P1	P1_RN07	12/F	66.0	70	63
P1	P1_RN07	13/F	68.7	70	63
P1	P1_RN07	14/F	71.4	70	63
P1	P1_RN07	15/F	74.2	70	63
P1	P1_RN07	16/F	77.0	70	63
P1	P1_RN07	17/F	79.7	70	63
P1	P1_RN07	18/F	82.4	70	63
P1	P1_RN07	19/F	85.2	70	63
P1	P1_RN07	20/F	88.0	70	63
P1	P1_RN07	21/F	90.7	70	63
P1	P1_RN07	22/F	93.4	70	63
P1	P1_RN07	23/F	96.2	70	62
P1	P1_RN07	24/F	99.0	70	62
P1	P1_RN07	25/F	101.7	70	62
P1	P1_RN07	26/F	104.4	70	62
P1	P1_RN07	27/F	107.2	70	62
P1	P1_RN07	28/F	110.0	70	62
P1	P1_RN07	29/F	112.7	70	62
P1	P1_RN07	30/F	115.4	70	62
P1	P1_RN07	31/F	118.2	70	62
P1	P1_RN07	32/F	121.0	70	62
P2	P2_RN01 (1/F - 36/F)	1/F	23.7	65	48
P2	P2_RN01 (1/F - 36/F)	2/F	26.4	65	49
P2	P2_RN01 (1/F - 36/F)	3/F	29.2	65	49
P2	P2_RN01 (1/F - 36/F)	4/F	32.0	65	50

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P1	P1_RN06	12/F	66.0	60	62
P1	P1_RN06	13/F	68.7	60	62
P1	P1_RN06	14/F	71.4	60	62
P1	P1_RN06	15/F	74.2	60	62
P1	P1_RN06	16/F	77.0	60	62
P1	P1_RN06	17/F	79.7	60	62
P1	P1_RN06	18/F	82.4	60	62
P1	P1_RN06	19/F	85.2	60	61
P1	P1_RN06	20/F	88.0	60	61
P1	P1_RN06	21/F	90.7	60	61
P1	P1_RN06	22/F	93.4	60	61
P1	P1_RN06	23/F	96.2	60	61
P1	P1_RN06	24/F	99.0	60	61
P1	P1_RN06	25/F	101.7	60	61
P1	P1_RN06	26/F	104.4	60	61
P1	P1_RN06	27/F	107.2	60	61
P1	P1_RN06	28/F	110.0	60	61
P1	P1_RN06	29/F	112.7	60	60
P1	P1_RN06	30/F	115.4	60	60
P1	P1_RN06	31/F	118.2	60	60
P1	P1_RN06	32/F	121.0	60	60
P1	P1_RN07	1/F	35.7	60	62
P1	P1_RN07	2/F	38.4	60	62
P1	P1_RN07	3/F	41.2	60	62
P1	P1_RN07	4/F	44.0	60	62
P1	P1_RN07	5/F	46.7	60	62
P1	P1_RN07	6/F	49.4	60	62
P1	P1_RN07	7/F	52.2	60	62
P1	P1_RN07	8/F	55.0	60	62
P1	P1_RN07	9/F	57.7	60	62
P1	P1_RN07	10/F	60.4	60	62
P1	P1_RN07	11/F	63.2	60	62
P1	P1_RN07	12/F	66.0	60	62
P1	P1_RN07	13/F	68.7	60	62
P1	P1_RN07	14/F	71.4	60	62
P1	P1_RN07	15/F	74.2	60	62
P1	P1_RN07	16/F	77.0	60	62
P1	P1_RN07	17/F	79.7	60	62
P1	P1_RN07	18/F	82.4	60	62
P1	P1_RN07	19/F	85.2	60	62
P1	P1_RN07	20/F	88.0	60	62
P1	P1_RN07	21/F	90.7	60	62
P1	P1_RN07	22/F	93.4	60	61
P1	P1_RN07	23/F	96.2	60	61
P1	P1_RN07	24/F	99.0	60	61
P1	P1_RN07	25/F	101.7	60	61
P1	P1_RN07	26/F	104.4	60	61
P1	P1_RN07	27/F	107.2	60	61
P1	P1_RN07	28/F	110.0	60	61
P1	P1_RN07	29/F	112.7	60	61
P1	P1_RN07	30/F	115.4	60	61
P1	P1_RN07	31/F	118.2	60	61
P1	P1_RN07	32/F	121.0	60	60
P2	P2_RN01 (1/F - 36/F)	1/F	23.7	55	47
P2	P2_RN01 (1/F - 36/F)	2/F	26.4	55	48
P2	P2_RN01 (1/F - 36/F)	3/F	29.2	55	48
P2	P2_RN01 (1/F - 36/F)	4/F	32.0	55	49

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P1	P1_RN06	12/F	66.0	85	80
P1	P1_RN06	13/F	68.7	85	80
P1	P1_RN06	14/F	71.4	85	80
P1	P1_RN06	15/F	74.2	85	80
P1	P1_RN06	16/F	77.0	85	80
P1	P1_RN06	17/F	79.7	85	79
P1	P1_RN06	18/F	82.4	85	79
P1	P1_RN06	19/F	85.2	85	79
P1	P1_RN06	20/F	88.0	85	79
P1	P1_RN06	21/F	90.7	85	79
P1	P1_RN06	22/F	93.4	85	79
P1	P1_RN06	23/F	96.2	85	79
P1	P1_RN06	24/F	99.0	85	78
P1	P1_RN06	25/F	101.7	85	78
P1	P1_RN06	26/F	104.4	85	78
P1	P1_RN06	27/F	107.2	85	78
P1	P1_RN06	28/F	110.0	85	78
P1	P1_RN06	29/F	112.7	85	78
P1	P1_RN06	30/F	115.4	85	78
P1	P1_RN06	31/F	118.2	85	78
P1	P1_RN06	32/F	121.0	85	78
P1	P1_RN07	1/F	35.7	85	81
P1	P1_RN07	2/F	38.4	85	81
P1	P1_RN07	3/F	41.2	85	81
P1	P1_RN07	4/F	44.0	85	81
P1	P1_RN07	5/F	46.7	85	81
P1	P1_RN07	6/F	49.4	85	81
P1	P1_RN07	7/F	52.2	85	81
P1	P1_RN07	8/F	55.0	85	80
P1	P1_RN07	9/F	57.7	85	80
P1	P1_RN07	10/F	60.4	85	80
P1	P1_RN07	11/F	63.2	85	80
P1	P1_RN07	12/F	66.0	85	80
P1	P1_RN07	13/F	68.7	85	80
P1	P1_RN07	14/F	71.4	85	80
P1	P1_RN07	15/F	74.2	85	80
P1	P1_RN07	16/F	77.0	85	79
P1	P1_RN07	17/F	79.7	85	79
P1	P1_RN07	18/F	82.4	85	79
P1	P1_RN07	19/F	85.2	85	79
P1	P1_RN07	20/F	88.0	85	79
P1	P1_RN07	21/F	90.7	85	79
P1	P1_RN07	22/F	93.4	85	79
P1	P1_RN07	23/F	96.2	85	79
P1	P1_RN07	24/F	99.0	85	78
P1	P1_RN07	25/F	101.7	85	78
P1	P1_RN07	26/F	104.4	85	78
P1	P1_RN07	27/F	107.2	85	78
P1	P1_RN07	28/F	110.0	85	78
P1	P1_RN07	29/F	112.7	85	78
P1	P1_RN07	30/F	115.4	85	78
P1	P1_RN07	31/F	118.2	85	78
P1	P1_RN07	32/F	121.0	85	77
P2	P2_RN01 (1/F - 36/F)	1/F	23.7	85	78
P2	P2_RN01 (1/F - 36/F)	2/F	26.4	85	78
P2	P2_RN01 (1/F - 36/F)	3/F	29.2	85	78
P2	P2_RN01 (1/F - 36/F)	4/F	32.0	85	78

RNIA Results (Daytime, Unmitigated)

RNIA Results (Night Time, Unmitigated)

RNIA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN01 (1/F - 36/F)	5/F	34.7	65	51
P2	P2_RN01 (1/F - 36/F)	6/F	37.4	65	52
P2	P2_RN01 (1/F - 36/F)	7/F	40.2	65	52
P2	P2_RN01 (1/F - 36/F)	8/F	43.0	65	53
P2	P2_RN01 (1/F - 36/F)	9/F	45.7	65	53
P2	P2_RN01 (1/F - 36/F)	10/F	48.4	65	53
P2	P2_RN01 (1/F - 36/F)	11/F	51.2	65	53
P2	P2_RN01 (1/F - 36/F)	12/F	54.0	65	53
P2	P2_RN01 (1/F - 36/F)	13/F	56.7	65	54
P2	P2_RN01 (1/F - 36/F)	14/F	59.4	65	54
P2	P2_RN01 (1/F - 36/F)	15/F	62.2	65	54
P2	P2_RN01 (1/F - 36/F)	16/F	65.0	65	54
P2	P2_RN01 (1/F - 36/F)	17/F	67.7	65	54
P2	P2_RN01 (1/F - 36/F)	18/F	70.4	65	54
P2	P2_RN01 (1/F - 36/F)	19/F	73.2	65	54
P2	P2_RN01 (1/F - 36/F)	20/F	76.0	65	54
P2	P2_RN01 (1/F - 36/F)	21/F	78.7	65	54
P2	P2_RN01 (1/F - 36/F)	22/F	81.4	65	55
P2	P2_RN01 (1/F - 36/F)	23/F	84.2	65	55
P2	P2_RN01 (1/F - 36/F)	24/F	87.0	65	55
P2	P2_RN01 (1/F - 36/F)	25/F	89.7	65	55
P2	P2_RN01 (1/F - 36/F)	26/F	92.4	65	55
P2	P2_RN01 (1/F - 36/F)	27/F	95.2	65	55
P2	P2_RN01 (1/F - 36/F)	28/F	98.0	65	55
P2	P2_RN01 (1/F - 36/F)	29/F	100.7	65	55
P2	P2_RN01 (1/F - 36/F)	30/F	103.4	65	55
P2	P2_RN01 (1/F - 36/F)	31/F	106.2	65	54
P2	P2_RN01 (1/F - 36/F)	32/F	109.0	65	55
P2	P2_RN01 (1/F - 36/F)	33/F	111.7	65	55
P2	P2_RN01 (1/F - 36/F)	34/F	114.4	65	54
P2	P2_RN01 (1/F - 36/F)	35/F	117.2	65	55
P2	P2_RN01 (1/F - 36/F)	36/F	120.0	65	55
P2	P2_RN01 (37/F - 44/F)	37/F	122.7	70	57
P2	P2_RN01 (37/F - 44/F)	38/F	125.4	70	57
P2	P2_RN01 (37/F - 44/F)	39/F	128.2	70	57
P2	P2_RN01 (37/F - 44/F)	40/F	131.0	70	57
P2	P2_RN01 (37/F - 44/F)	41/F	138.7	70	57
P2	P2_RN01 (37/F - 44/F)	42/F	141.4	70	57
P2	P2_RN01 (37/F - 44/F)	43/F	144.2	70	57
P2	P2_RN01 (37/F - 44/F)	44/F	147.0	70	57
P2	P2_RN02	1/F	23.7	65	47
P2	P2_RN02	2/F	26.4	65	47
P2	P2_RN02	3/F	29.2	65	48
P2	P2_RN02	4/F	32.0	65	48
P2	P2_RN02	5/F	34.7	65	49
P2	P2_RN02	6/F	37.4	65	49
P2	P2_RN02	7/F	40.2	65	50
P2	P2_RN02	8/F	43.0	65	50
P2	P2_RN02	9/F	45.7	65	50
P2	P2_RN02	10/F	48.4	65	50
P2	P2_RN02	11/F	51.2	65	51
P2	P2_RN02	12/F	54.0	65	51
P2	P2_RN02	13/F	56.7	65	51
P2	P2_RN02	14/F	59.4	65	51
P2	P2_RN02	15/F	62.2	65	51
P2	P2_RN02	16/F	65.0	65	51
P2	P2_RN02	17/F	67.7	65	51

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN01 (1/F - 36/F)	5/F	34.7	55	50
P2	P2_RN01 (1/F - 36/F)	6/F	37.4	55	51
P2	P2_RN01 (1/F - 36/F)	7/F	40.2	55	51
P2	P2_RN01 (1/F - 36/F)	8/F	43.0	55	51
P2	P2_RN01 (1/F - 36/F)	9/F	45.7	55	52
P2	P2_RN01 (1/F - 36/F)	10/F	48.4	55	52
P2	P2_RN01 (1/F - 36/F)	11/F	51.2	55	52
P2	P2_RN01 (1/F - 36/F)	12/F	54.0	55	52
P2	P2_RN01 (1/F - 36/F)	13/F	56.7	55	53
P2	P2_RN01 (1/F - 36/F)	14/F	59.4	55	53
P2	P2_RN01 (1/F - 36/F)	15/F	62.2	55	53
P2	P2_RN01 (1/F - 36/F)	16/F	65.0	55	53
P2	P2_RN01 (1/F - 36/F)	17/F	67.7	55	53
P2	P2_RN01 (1/F - 36/F)	18/F	70.4	55	53
P2	P2_RN01 (1/F - 36/F)	19/F	73.2	55	53
P2	P2_RN01 (1/F - 36/F)	20/F	76.0	55	53
P2	P2_RN01 (1/F - 36/F)	21/F	78.7	55	53
P2	P2_RN01 (1/F - 36/F)	22/F	81.4	55	53
P2	P2_RN01 (1/F - 36/F)	23/F	84.2	55	53
P2	P2_RN01 (1/F - 36/F)	24/F	87.0	55	53
P2	P2_RN01 (1/F - 36/F)	25/F	89.7	55	53
P2	P2_RN01 (1/F - 36/F)	26/F	92.4	55	53
P2	P2_RN01 (1/F - 36/F)	27/F	95.2	55	53
P2	P2_RN01 (1/F - 36/F)	28/F	98.0	55	53
P2	P2_RN01 (1/F - 36/F)	29/F	100.7	55	53
P2	P2_RN01 (1/F - 36/F)	30/F	103.4	55	53
P2	P2_RN01 (1/F - 36/F)	31/F	106.2	55	53
P2	P2_RN01 (1/F - 36/F)	32/F	109.0	55	53
P2	P2_RN01 (1/F - 36/F)	33/F	111.7	55	53
P2	P2_RN01 (1/F - 36/F)	34/F	114.4	55	53
P2	P2_RN01 (1/F - 36/F)	35/F	117.2	55	54
P2	P2_RN01 (1/F - 36/F)	36/F	120.0	55	54
P2	P2_RN01 (37/F - 44/F)	37/F	122.7	60	56
P2	P2_RN01 (37/F - 44/F)	38/F	125.4	60	56
P2	P2_RN01 (37/F - 44/F)	39/F	128.2	60	56
P2	P2_RN01 (37/F - 44/F)	40/F	131.0	60	56
P2	P2_RN01 (37/F - 44/F)	41/F	138.7	60	56
P2	P2_RN01 (37/F - 44/F)	42/F	141.4	60	56
P2	P2_RN01 (37/F - 44/F)	43/F	144.2	60	56
P2	P2_RN01 (37/F - 44/F)	44/F	147.0	60	56
P2	P2_RN02	1/F	23.7	55	46
P2	P2_RN02	2/F	26.4	55	47
P2	P2_RN02	3/F	29.2	55	47
P2	P2_RN02	4/F	32.0	55	47
P2	P2_RN02	5/F	34.7	55	48
P2	P2_RN02	6/F	37.4	55	48
P2	P2_RN02	7/F	40.2	55	49
P2	P2_RN02	8/F	43.0	55	49
P2	P2_RN02	9/F	45.7	55	49
P2	P2_RN02	10/F	48.4	55	49
P2	P2_RN02	11/F	51.2	55	50
P2	P2_RN02	12/F	54.0	55	50
P2	P2_RN02	13/F	56.7	55	50
P2	P2_RN02	14/F	59.4	55	50
P2	P2_RN02	15/F	62.2	55	50
P2	P2_RN02	16/F	65.0	55	50
P2	P2_RN02	17/F	67.7	55	50

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P2	P2_RN01 (1/F - 36/F)	5/F	34.7	85	78
P2	P2_RN01 (1/F - 36/F)	6/F	37.4	85	77
P2	P2_RN01 (1/F - 36/F)	7/F	40.2	85	77
P2	P2_RN01 (1/F - 36/F)	8/F	43.0	85	77
P2	P2_RN01 (1/F - 36/F)	9/F	45.7	85	77
P2	P2_RN01 (1/F - 36/F)	10/F	48.4	85	77
P2	P2_RN01 (1/F - 36/F)	11/F	51.2	85	77
P2	P2_RN01 (1/F - 36/F)	12/F	54.0	85	77
P2	P2_RN01 (1/F - 36/F)	13/F	56.7	85	77
P2	P2_RN01 (1/F - 36/F)	14/F	59.4	85	77
P2	P2_RN01 (1/F - 36/F)	15/F	62.2	85	77
P2	P2_RN01 (1/F - 36/F)	16/F	65.0	85	77
P2	P2_RN01 (1/F - 36/F)	17/F	67.7	85	77
P2	P2_RN01 (1/F - 36/F)	18/F	70.4	85	77
P2	P2_RN01 (1/F - 36/F)	19/F	73.2	85	77
P2	P2_RN01 (1/F - 36/F)	20/F	76.0	85	77
P2	P2_RN01 (1/F - 36/F)	21/F	78.7	85	77
P2	P2_RN01 (1/F - 36/F)	22/F	81.4	85	77
P2	P2_RN01 (1/F - 36/F)	23/F	84.2	85	77
P2	P2_RN01 (1/F - 36/F)	24/F	87.0	85	77
P2	P2_RN01 (1/F - 36/F)	25/F	89.7	85	77
P2	P2_RN01 (1/F - 36/F)	26/F	92.4	85	77
P2	P2_RN01 (1/F - 36/F)	27/F	95.2	85	77
P2	P2_RN01 (1/F - 36/F)	28/F	98.0	85	76
P2	P2_RN01 (1/F - 36/F)	29/F	100.7	85	76
P2	P2_RN01 (1/F - 36/F)	30/F	103.4	85	76
P2	P2_RN01 (1/F - 36/F)	31/F	106.2	85	76
P2	P2_RN01 (1/F - 36/F)	32/F	109.0	85	76
P2	P2_RN01 (1/F - 36/F)	33/F	111.7	85	76
P2	P2_RN01 (1/F - 36/F)	34/F	114.4	85	76
P2	P2_RN01 (1/F - 36/F)	35/F	117.2	85	76
P2	P2_RN01 (1/F - 36/F)	36/F	120.0	85	76
P2	P2_RN01 (37/F - 44/F)	37/F	122.7	85	76
P2	P2_RN01 (37/F - 44/F)	38/F	125.4	85	76
P2	P2_RN01 (37/F - 44/F)	39/F	128.2	85	76
P2	P2_RN01 (37/F - 44/F)	40/F	131.0	85	76
P2	P2_RN01 (37/F - 44/F)	41/F	138.7	85	76
P2	P2_RN01 (37/F - 44/F)	42/F	141.4	85	75
P2	P2_RN01 (37/F - 44/F)	43/F	144.2	85	75
P2	P2_RN01 (37/F - 44/F)	44/F	147.0	85	75
P2	P2_RN02	1/F	23.7	85	77
P2	P2_RN02	2/F	26.4	85	77
P2	P2_RN02	3/F	29.2	85	77
P2	P2_RN02	4/F	32.0	85	77
P2	P2_RN02	5/F	34.7	85	77
P2	P2_RN02	6/F	37.4	85	77
P2	P2_RN02	7/F	40.2	85	77
P2	P2_RN02	8/F	43.0	85	77
P2	P2_RN02	9/F	45.7	85	77
P2	P2_RN02	10/F	48.4	85	77
P2	P2_RN02	11/F	51.2	85	77
P2	P2_RN02	12/F	54.0	85	77
P2	P2_RN02	13/F	56.7	85	76
P2	P2_RN02	14/F	59.4	85	76
P2	P2_RN02	15/F	62.2	85	76
P2	P2_RN02	16/F	65.0	85	76
P2	P2_RN02	17/F	67.7	85	76

RNA Results (Daytime, Unmitigated)

RNA Results (Night Time, Unmitigated)

RNA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN02	18/F	70.4	65	51
P2	P2_RN02	19/F	73.2	65	52
P2	P2_RN02	20/F	76.0	65	52
P2	P2_RN02	21/F	78.7	65	52
P2	P2_RN02	22/F	81.4	65	52
P2	P2_RN02	23/F	84.2	65	52
P2	P2_RN02	24/F	87.0	65	52
P2	P2_RN02	25/F	89.7	65	52
P2	P2_RN02	26/F	92.4	65	52
P2	P2_RN02	27/F	95.2	65	52
P2	P2_RN02	28/F	98.0	65	52
P2	P2_RN02	29/F	100.7	65	52
P2	P2_RN02	30/F	103.4	65	52
P2	P2_RN02	31/F	106.2	65	52
P2	P2_RN02	32/F	109.0	65	52
P2	P2_RN02	33/F	111.7	65	52
P2	P2_RN02	34/F	114.4	65	52
P2	P2_RN02	35/F	117.2	65	52
P2	P2_RN02	36/F	120.0	65	52
P2	P2_RN02	37/F	122.7	65	52
P2	P2_RN02	38/F	125.4	65	52
P2	P2_RN02	39/F	128.2	65	52
P2	P2_RN02	40/F	131.0	65	52
P2	P2_RN02	41/F	138.7	65	52
P2	P2_RN02	42/F	141.4	65	52
P2	P2_RN02	43/F	144.2	65	52
P2	P2_RN02	44/F	147.0	65	52
P2	P2_RN03 (1/F - 36/F)	1/F	23.7	65	46
P2	P2_RN03 (1/F - 36/F)	2/F	26.4	65	47
P2	P2_RN03 (1/F - 36/F)	3/F	29.2	65	47
P2	P2_RN03 (1/F - 36/F)	4/F	32.0	65	48
P2	P2_RN03 (1/F - 36/F)	5/F	34.7	65	48
P2	P2_RN03 (1/F - 36/F)	6/F	37.4	65	49
P2	P2_RN03 (1/F - 36/F)	7/F	40.2	65	50
P2	P2_RN03 (1/F - 36/F)	8/F	43.0	65	50
P2	P2_RN03 (1/F - 36/F)	9/F	45.7	65	50
P2	P2_RN03 (1/F - 36/F)	10/F	48.4	65	51
P2	P2_RN03 (1/F - 36/F)	11/F	51.2	65	51
P2	P2_RN03 (1/F - 36/F)	12/F	54.0	65	51
P2	P2_RN03 (1/F - 36/F)	13/F	56.7	65	51
P2	P2_RN03 (1/F - 36/F)	14/F	59.4	65	51
P2	P2_RN03 (1/F - 36/F)	15/F	62.2	65	52
P2	P2_RN03 (1/F - 36/F)	16/F	65.0	65	52
P2	P2_RN03 (1/F - 36/F)	17/F	67.7	65	52
P2	P2_RN03 (1/F - 36/F)	18/F	70.4	65	52
P2	P2_RN03 (1/F - 36/F)	19/F	73.2	65	52
P2	P2_RN03 (1/F - 36/F)	20/F	76.0	65	52
P2	P2_RN03 (1/F - 36/F)	21/F	78.7	65	52
P2	P2_RN03 (1/F - 36/F)	22/F	81.4	65	52
P2	P2_RN03 (1/F - 36/F)	23/F	84.2	65	52
P2	P2_RN03 (1/F - 36/F)	24/F	87.0	65	52
P2	P2_RN03 (1/F - 36/F)	25/F	89.7	65	52
P2	P2_RN03 (1/F - 36/F)	26/F	92.4	65	52
P2	P2_RN03 (1/F - 36/F)	27/F	95.2	65	52
P2	P2_RN03 (1/F - 36/F)	28/F	98.0	65	52
P2	P2_RN03 (1/F - 36/F)	29/F	100.7	65	52
P2	P2_RN03 (1/F - 36/F)	30/F	103.4	65	52

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN02	18/F	70.4	55	50
P2	P2_RN02	19/F	73.2	55	51
P2	P2_RN02	20/F	76.0	55	51
P2	P2_RN02	21/F	78.7	55	51
P2	P2_RN02	22/F	81.4	55	51
P2	P2_RN02	23/F	84.2	55	51
P2	P2_RN02	24/F	87.0	55	51
P2	P2_RN02	25/F	89.7	55	51
P2	P2_RN02	26/F	92.4	55	51
P2	P2_RN02	27/F	95.2	55	51
P2	P2_RN02	28/F	98.0	55	51
P2	P2_RN02	29/F	100.7	55	51
P2	P2_RN02	30/F	103.4	55	51
P2	P2_RN02	31/F	106.2	55	51
P2	P2_RN02	32/F	109.0	55	51
P2	P2_RN02	33/F	111.7	55	51
P2	P2_RN02	34/F	114.4	55	51
P2	P2_RN02	35/F	117.2	55	51
P2	P2_RN02	36/F	120.0	55	51
P2	P2_RN02	37/F	122.7	55	51
P2	P2_RN02	38/F	125.4	55	51
P2	P2_RN02	39/F	128.2	55	51
P2	P2_RN02	40/F	131.0	55	51
P2	P2_RN02	41/F	138.7	55	51
P2	P2_RN02	42/F	141.4	55	51
P2	P2_RN02	43/F	144.2	55	51
P2	P2_RN02	44/F	147.0	55	51
P2	P2_RN03 (1/F - 36/F)	1/F	23.7	55	45
P2	P2_RN03 (1/F - 36/F)	2/F	26.4	55	45
P2	P2_RN03 (1/F - 36/F)	3/F	29.2	55	46
P2	P2_RN03 (1/F - 36/F)	4/F	32.0	55	47
P2	P2_RN03 (1/F - 36/F)	5/F	34.7	55	47
P2	P2_RN03 (1/F - 36/F)	6/F	37.4	55	48
P2	P2_RN03 (1/F - 36/F)	7/F	40.2	55	49
P2	P2_RN03 (1/F - 36/F)	8/F	43.0	55	49
P2	P2_RN03 (1/F - 36/F)	9/F	45.7	55	49
P2	P2_RN03 (1/F - 36/F)	10/F	48.4	55	49
P2	P2_RN03 (1/F - 36/F)	11/F	51.2	55	50
P2	P2_RN03 (1/F - 36/F)	12/F	54.0	55	50
P2	P2_RN03 (1/F - 36/F)	13/F	56.7	55	50
P2	P2_RN03 (1/F - 36/F)	14/F	59.4	55	50
P2	P2_RN03 (1/F - 36/F)	15/F	62.2	55	50
P2	P2_RN03 (1/F - 36/F)	16/F	65.0	55	51
P2	P2_RN03 (1/F - 36/F)	17/F	67.7	55	51
P2	P2_RN03 (1/F - 36/F)	18/F	70.4	55	51
P2	P2_RN03 (1/F - 36/F)	19/F	73.2	55	51
P2	P2_RN03 (1/F - 36/F)	20/F	76.0	55	51
P2	P2_RN03 (1/F - 36/F)	21/F	78.7	55	51
P2	P2_RN03 (1/F - 36/F)	22/F	81.4	55	51
P2	P2_RN03 (1/F - 36/F)	23/F	84.2	55	51
P2	P2_RN03 (1/F - 36/F)	24/F	87.0	55	51
P2	P2_RN03 (1/F - 36/F)	25/F	89.7	55	51
P2	P2_RN03 (1/F - 36/F)	26/F	92.4	55	51
P2	P2_RN03 (1/F - 36/F)	27/F	95.2	55	51
P2	P2_RN03 (1/F - 36/F)	28/F	98.0	55	51
P2	P2_RN03 (1/F - 36/F)	29/F	100.7	55	51
P2	P2_RN03 (1/F - 36/F)	30/F	103.4	55	51

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P2	P2_RN02	18/F	70.4	85	76
P2	P2_RN02	19/F	73.2	85	76
P2	P2_RN02	20/F	76.0	85	76
P2	P2_RN02	21/F	78.7	85	76
P2	P2_RN02	22/F	81.4	85	76
P2	P2_RN02	23/F	84.2	85	76
P2	P2_RN02	24/F	87.0	85	76
P2	P2_RN02	25/F	89.7	85	76
P2	P2_RN02	26/F	92.4	85	76
P2	P2_RN02	27/F	95.2	85	76
P2	P2_RN02	28/F	98.0	85	76
P2	P2_RN02	29/F	100.7	85	76
P2	P2_RN02	30/F	103.4	85	76
P2	P2_RN02	31/F	106.2	85	76
P2	P2_RN02	32/F	109.0	85	76
P2	P2_RN02	33/F	111.7	85	76
P2	P2_RN02	34/F	114.4	85	76
P2	P2_RN02	35/F	117.2	85	75
P2	P2_RN02	36/F	120.0	85	75
P2	P2_RN02	37/F	122.7	85	75
P2	P2_RN02	38/F	125.4	85	75
P2	P2_RN02	39/F	128.2	85	75
P2	P2_RN02	40/F	131.0	85	75
P2	P2_RN02	41/F	138.7	85	75
P2	P2_RN02	42/F	141.4	85	75
P2	P2_RN02	43/F	144.2	85	75
P2	P2_RN02	44/F	147.0	85	75
P2	P2_RN03 (1/F - 36/F)	1/F	23.7	85	77
P2	P2_RN03 (1/F - 36/F)	2/F	26.4	85	77
P2	P2_RN03 (1/F - 36/F)	3/F	29.2	85	77
P2	P2_RN03 (1/F - 36/F)	4/F	32.0	85	77
P2	P2_RN03 (1/F - 36/F)	5/F	34.7	85	77
P2	P2_RN03 (1/F - 36/F)	6/F	37.4	85	77
P2	P2_RN03 (1/F - 36/F)	7/F	40.2	85	77
P2	P2_RN03 (1/F - 36/F)	8/F	43.0	85	77
P2	P2_RN03 (1/F - 36/F)	9/F	45.7	85	77
P2	P2_RN03 (1/F - 36/F)	10/F	48.4	85	77
P2	P2_RN03 (1/F - 36/F)	11/F	51.2	85	77
P2	P2_RN03 (1/F - 36/F)	12/F	54.0	85	76
P2	P2_RN03 (1/F - 36/F)	13/F	56.7	85	76
P2	P2_RN03 (1/F - 36/F)	14/F	59.4	85	76
P2	P2_RN03 (1/F - 36/F)	15/F	62.2	85	76
P2	P2_RN03 (1/F - 36/F)	16/F	65.0	85	76
P2	P2_RN03 (1/F - 36/F)	17/F	67.7	85	76
P2	P2_RN03 (1/F - 36/F)	18/F	70.4	85	76
P2	P2_RN03 (1/F - 36/F)	19/F	73.2	85	76
P2	P2_RN03 (1/F - 36/F)	20/F	76.0	85	76
P2	P2_RN03 (1/F - 36/F)	21/F	78.7	85	76
P2	P2_RN03 (1/F - 36/F)	22/F	81.4	85	76
P2	P2_RN03 (1/F - 36/F)	23/F	84.2	85	76
P2	P2_RN03 (1/F - 36/F)	24/F	87.0	85	76
P2	P2_RN03 (1/F - 36/F)	25/F	89.7	85	76
P2	P2_RN03 (1/F - 36/F)	26/F	92.4	85	76
P2	P2_RN03 (1/F - 36/F)	27/F	95.2	85	76
P2	P2_RN03 (1/F - 36/F)	28/F	98.0	85	76
P2	P2_RN03 (1/F - 36/F)	29/F	100.7	85	76
P2	P2_RN03 (1/F - 36/F)	30/F	103.4	85	76

RNIA Results (Daytime, Unmitigated)RNIA Results (Night Time, Unmitigated)RNIA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN03 (1/F - 36/F)	31/F	106.2	65	52
P2	P2_RN03 (1/F - 36/F)	32/F	109.0	65	52
P2	P2_RN03 (1/F - 36/F)	33/F	111.7	65	52
P2	P2_RN03 (1/F - 36/F)	34/F	114.4	65	52
P2	P2_RN03 (1/F - 36/F)	35/F	117.2	65	52
P2	P2_RN03 (1/F - 36/F)	36/F	120.0	65	52
P2	P2_RN03 (37/F - 44/F)	37/F	122.7	70	58
P2	P2_RN03 (37/F - 44/F)	38/F	125.4	70	58
P2	P2_RN03 (37/F - 44/F)	39/F	128.2	70	58
P2	P2_RN03 (37/F - 44/F)	40/F	131.0	70	58
P2	P2_RN03 (37/F - 44/F)	41/F	138.7	70	58
P2	P2_RN03 (37/F - 44/F)	42/F	141.4	70	58
P2	P2_RN03 (37/F - 44/F)	43/F	144.2	70	58
P2	P2_RN03 (37/F - 44/F)	44/F	147.0	70	58
P3	P3_RN01 (1/F - 36/F)	1/F	23.7	65	48
P3	P3_RN01 (1/F - 36/F)	2/F	26.4	65	48
P3	P3_RN01 (1/F - 36/F)	3/F	29.2	65	48
P3	P3_RN01 (1/F - 36/F)	4/F	32.0	65	48
P3	P3_RN01 (1/F - 36/F)	5/F	34.7	65	48
P3	P3_RN01 (1/F - 36/F)	6/F	37.4	65	49
P3	P3_RN01 (1/F - 36/F)	7/F	40.2	65	49
P3	P3_RN01 (1/F - 36/F)	8/F	43.0	65	49
P3	P3_RN01 (1/F - 36/F)	9/F	45.7	65	49
P3	P3_RN01 (1/F - 36/F)	10/F	48.4	65	49
P3	P3_RN01 (1/F - 36/F)	11/F	51.2	65	49
P3	P3_RN01 (1/F - 36/F)	12/F	54.0	65	49
P3	P3_RN01 (1/F - 36/F)	13/F	56.7	65	49
P3	P3_RN01 (1/F - 36/F)	14/F	59.4	65	49
P3	P3_RN01 (1/F - 36/F)	15/F	62.2	65	49
P3	P3_RN01 (1/F - 36/F)	16/F	65.0	65	49
P3	P3_RN01 (1/F - 36/F)	17/F	67.7	65	49
P3	P3_RN01 (1/F - 36/F)	18/F	70.4	65	49
P3	P3_RN01 (1/F - 36/F)	19/F	73.2	65	49
P3	P3_RN01 (1/F - 36/F)	20/F	76.0	65	49
P3	P3_RN01 (1/F - 36/F)	21/F	78.7	65	49
P3	P3_RN01 (1/F - 36/F)	22/F	81.4	65	49
P3	P3_RN01 (1/F - 36/F)	23/F	84.2	65	50
P3	P3_RN01 (1/F - 36/F)	24/F	87.0	65	50
P3	P3_RN01 (1/F - 36/F)	25/F	89.7	65	50
P3	P3_RN01 (1/F - 36/F)	26/F	92.4	65	50
P3	P3_RN01 (1/F - 36/F)	27/F	95.2	65	50
P3	P3_RN01 (1/F - 36/F)	28/F	98.0	65	50
P3	P3_RN01 (1/F - 36/F)	29/F	100.7	65	50
P3	P3_RN01 (1/F - 36/F)	30/F	103.4	65	50
P3	P3_RN01 (1/F - 36/F)	31/F	106.2	65	50
P3	P3_RN01 (1/F - 36/F)	32/F	109.0	65	50
P3	P3_RN01 (1/F - 36/F)	33/F	111.7	65	50
P3	P3_RN01 (1/F - 36/F)	34/F	114.4	65	50
P3	P3_RN01 (1/F - 36/F)	35/F	117.2	65	50
P3	P3_RN01 (1/F - 36/F)	36/F	120.0	65	50
P3	P3_RN01 (37/F - 44/F)	37/F	122.7	70	55
P3	P3_RN01 (37/F - 44/F)	38/F	125.4	70	55
P3	P3_RN01 (37/F - 44/F)	39/F	128.2	70	55
P3	P3_RN01 (37/F - 44/F)	40/F	131.0	70	55
P3	P3_RN01 (37/F - 44/F)	41/F	138.7	70	55

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P2	P2_RN03 (1/F - 36/F)	31/F	106.2	55	51
P2	P2_RN03 (1/F - 36/F)	32/F	109.0	55	51
P2	P2_RN03 (1/F - 36/F)	33/F	111.7	55	51
P2	P2_RN03 (1/F - 36/F)	34/F	114.4	55	51
P2	P2_RN03 (1/F - 36/F)	35/F	117.2	55	51
P2	P2_RN03 (1/F - 36/F)	36/F	120.0	55	51
P2	P2_RN03 (37/F - 44/F)	37/F	122.7	60	57
P2	P2_RN03 (37/F - 44/F)	38/F	125.4	60	57
P2	P2_RN03 (37/F - 44/F)	39/F	128.2	60	57
P2	P2_RN03 (37/F - 44/F)	40/F	131.0	60	57
P2	P2_RN03 (37/F - 44/F)	41/F	138.7	60	57
P2	P2_RN03 (37/F - 44/F)	42/F	141.4	60	57
P2	P2_RN03 (37/F - 44/F)	43/F	144.2	60	57
P2	P2_RN03 (37/F - 44/F)	44/F	147.0	60	57
P3	P3_RN01 (1/F - 36/F)	1/F	23.7	55	48
P3	P3_RN01 (1/F - 36/F)	2/F	26.4	55	48
P3	P3_RN01 (1/F - 36/F)	3/F	29.2	55	48
P3	P3_RN01 (1/F - 36/F)	4/F	32.0	55	48
P3	P3_RN01 (1/F - 36/F)	5/F	34.7	55	48
P3	P3_RN01 (1/F - 36/F)	6/F	37.4	55	48
P3	P3_RN01 (1/F - 36/F)	7/F	40.2	55	48
P3	P3_RN01 (1/F - 36/F)	8/F	43.0	55	48
P3	P3_RN01 (1/F - 36/F)	9/F	45.7	55	48
P3	P3_RN01 (1/F - 36/F)	10/F	48.4	55	48
P3	P3_RN01 (1/F - 36/F)	11/F	51.2	55	49
P3	P3_RN01 (1/F - 36/F)	12/F	54.0	55	49
P3	P3_RN01 (1/F - 36/F)	13/F	56.7	55	49
P3	P3_RN01 (1/F - 36/F)	14/F	59.4	55	49
P3	P3_RN01 (1/F - 36/F)	15/F	62.2	55	49
P3	P3_RN01 (1/F - 36/F)	16/F	65.0	55	49
P3	P3_RN01 (1/F - 36/F)	17/F	67.7	55	49
P3	P3_RN01 (1/F - 36/F)	18/F	70.4	55	49
P3	P3_RN01 (1/F - 36/F)	19/F	73.2	55	49
P3	P3_RN01 (1/F - 36/F)	20/F	76.0	55	49
P3	P3_RN01 (1/F - 36/F)	21/F	78.7	55	49
P3	P3_RN01 (1/F - 36/F)	22/F	81.4	55	49
P3	P3_RN01 (1/F - 36/F)	23/F	84.2	55	49
P3	P3_RN01 (1/F - 36/F)	24/F	87.0	55	49
P3	P3_RN01 (1/F - 36/F)	25/F	89.7	55	49
P3	P3_RN01 (1/F - 36/F)	26/F	92.4	55	49
P3	P3_RN01 (1/F - 36/F)	27/F	95.2	55	49
P3	P3_RN01 (1/F - 36/F)	28/F	98.0	55	49
P3	P3_RN01 (1/F - 36/F)	29/F	100.7	55	49
P3	P3_RN01 (1/F - 36/F)	30/F	103.4	55	49
P3	P3_RN01 (1/F - 36/F)	31/F	106.2	55	49
P3	P3_RN01 (1/F - 36/F)	32/F	109.0	55	49
P3	P3_RN01 (1/F - 36/F)	33/F	111.7	55	49
P3	P3_RN01 (1/F - 36/F)	34/F	114.4	55	49
P3	P3_RN01 (1/F - 36/F)	35/F	117.2	55	49
P3	P3_RN01 (1/F - 36/F)	36/F	120.0	55	49
P3	P3_RN01 (37/F - 44/F)	37/F	122.7	60	54
P3	P3_RN01 (37/F - 44/F)	38/F	125.4	60	54
P3	P3_RN01 (37/F - 44/F)	39/F	128.2	60	54
P3	P3_RN01 (37/F - 44/F)	40/F	131.0	60	54
P3	P3_RN01 (37/F - 44/F)	41/F	138.7	60	54

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P2	P2_RN03 (1/F - 36/F)	31/F	106.2	85	76
P2	P2_RN03 (1/F - 36/F)	32/F	109.0	85	76
P2	P2_RN03 (1/F - 36/F)	33/F	111.7	85	76
P2	P2_RN03 (1/F - 36/F)	34/F	114.4	85	75
P2	P2_RN03 (1/F - 36/F)	35/F	117.2	85	75
P2	P2_RN03 (1/F - 36/F)	36/F	120.0	85	75
P2	P2_RN03 (37/F - 44/F)	37/F	122.7	85	76
P2	P2_RN03 (37/F - 44/F)	38/F	125.4	85	76
P2	P2_RN03 (37/F - 44/F)	39/F	128.2	85	76
P2	P2_RN03 (37/F - 44/F)	40/F	131.0	85	76
P2	P2_RN03 (37/F - 44/F)	41/F	138.7	85	75
P2	P2_RN03 (37/F - 44/F)	42/F	141.4	85	75
P2	P2_RN03 (37/F - 44/F)	43/F	144.2	85	75
P2	P2_RN03 (37/F - 44/F)	44/F	147.0	85	75
P3	P3_RN01 (1/F - 36/F)	1/F	23.7	85	75
P3	P3_RN01 (1/F - 36/F)	2/F	26.4	85	75
P3	P3_RN01 (1/F - 36/F)	3/F	29.2	85	75
P3	P3_RN01 (1/F - 36/F)	4/F	32.0	85	75
P3	P3_RN01 (1/F - 36/F)	5/F	34.7	85	75
P3	P3_RN01 (1/F - 36/F)	6/F	37.4	85	75
P3	P3_RN01 (1/F - 36/F)	7/F	40.2	85	75
P3	P3_RN01 (1/F - 36/F)	8/F	43.0	85	75
P3	P3_RN01 (1/F - 36/F)	9/F	45.7	85	75
P3	P3_RN01 (1/F - 36/F)	10/F	48.4	85	75
P3	P3_RN01 (1/F - 36/F)	11/F	51.2	85	75
P3	P3_RN01 (1/F - 36/F)	12/F	54.0	85	75
P3	P3_RN01 (1/F - 36/F)	13/F	56.7	85	75
P3	P3_RN01 (1/F - 36/F)	14/F	59.4	85	74
P3	P3_RN01 (1/F - 36/F)	15/F	62.2	85	74
P3	P3_RN01 (1/F - 36/F)	16/F	65.0	85	74
P3	P3_RN01 (1/F - 36/F)	17/F	67.7	85	74
P3	P3_RN01 (1/F - 36/F)	18/F	70.4	85	74
P3	P3_RN01 (1/F - 36/F)	19/F	73.2	85	74
P3	P3_RN01 (1/F - 36/F)	20/F	76.0	85	74
P3	P3_RN01 (1/F - 36/F)	21/F	78.7	85	74
P3	P3_RN01 (1/F - 36/F)	22/F	81.4	85	74
P3	P3_RN01 (1/F - 36/F)	23/F	84.2	85	74
P3	P3_RN01 (1/F - 36/F)	24/F	87.0	85	74
P3	P3_RN01 (1/F - 36/F)	25/F	89.7	85	74
P3	P3_RN01 (1/F - 36/F)	26/F	92.4	85	74
P3	P3_RN01 (1/F - 36/F)	27/F	95.2	85	74
P3	P3_RN01 (1/F - 36/F)	28/F	98.0	85	74
P3	P3_RN01 (1/F - 36/F)	29/F	100.7	85	74
P3	P3_RN01 (1/F - 36/F)	30/F	103.4	85	74
P3	P3_RN01 (1/F - 36/F)	31/F	106.2	85	74
P3	P3_RN01 (1/F - 36/F)	32/F	109.0	85	74
P3	P3_RN01 (1/F - 36/F)	33/F	111.7	85	74
P3	P3_RN01 (1/F - 36/F)	34/F	114.4	85	74
P3	P3_RN01 (1/F - 36/F)	35/F	117.2	85	74
P3	P3_RN01 (1/F - 36/F)	36/F	120.0	85	74
P3	P3_RN01 (37/F - 44/F)	37/F	122.7	85	75
P3	P3_RN01 (37/F - 44/F)	38/F	125.4	85	75
P3	P3_RN01 (37/F - 44/F)	39/F	128.2	85	75
P3	P3_RN01 (37/F - 44/F)	40/F	131.0	85	75
P3	P3_RN01 (37/F - 44/F)	41/F	138.7	85	74

RNIA Results (Daytime, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P3	P3_RN01 (37/F - 44/F)	42/F	141.4	70	54
P3	P3_RN01 (37/F - 44/F)	43/F	144.2	70	54
P3	P3_RN01 (37/F - 44/F)	44/F	147.0	70	54

*Assessment Level

RNIA Results (Night Time, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Overall LAeq, dB(A)
P3	P3_RN01 (37/F - 44/F)	42/F	141.4	60	54
P3	P3_RN01 (37/F - 44/F)	43/F	144.2	60	54
P3	P3_RN01 (37/F - 44/F)	44/F	147.0	60	54

*Assessment Level

RNIA Results (Lmax, Unmitigated)

NSR ID	NAP ID	Floor	mPD*	Criteria	Lmax, dB(A)
P3	P3_RN01 (37/F - 44/F)	42/F	141.4	85	74
P3	P3_RN01 (37/F - 44/F)	43/F	144.2	85	74
P3	P3_RN01 (37/F - 44/F)	44/F	147.0	85	74

*Assessment Level

Range of Noise Level for Daytime			
NSR ID	NAP ID	Criteria	Overall LAeq, dB(A)
P1	P1_RN01	65	57-59
P1	P1_RN02	65	51-52
P1	P1_RN03	70	57-58
P1	P1_RN04	70	59-60
P1	P1_RN05	70	61-63
P1	P1_RN06	70	61-63
P1	P1_RN07	70	62-63
P2	P2_RN01 (1/F - 36/F)	65	48-55
P2	P2_RN01 (37/F - 44/F)	70	57
P2	P2_RN02	65	47-52
P2	P2_RN03 (1/F - 36/F)	65	46-52
P2	P2_RN03 (37/F - 44/F)	70	58
P3	P3_RN01 (1/F - 36/F)	65	48-50
P3	P3_RN01 (37/F - 44/F)	70	54-55

Range of Noise Level for Night Time			
NSR ID	NAP ID	Criteria	Overall LAeq, dB(A)
P1	P1_RN01	55	56-58
P1	P1_RN02	55	50-52
P1	P1_RN03	60	56-58
P1	P1_RN04	60	58-59
P1	P1_RN05	60	60-62
P1	P1_RN06	60	60-62
P1	P1_RN07	60	60-62
P2	P2_RN01 (1/F - 36/F)	55	47-54
P2	P2_RN01 (37/F - 44/F)	60	56
P2	P2_RN02	55	46-51
P2	P2_RN03 (1/F - 36/F)	55	45-51
P2	P2_RN03 (37/F - 44/F)	60	57
P3	P3_RN01 (1/F - 36/F)	55	48-49
P3	P3_RN01 (37/F - 44/F)	60	54

Range of Noise Level for Lmax			
NSR ID	NAP ID	Criteria	Lmax, dB(A)
P1	P1_RN01	85	77-80
P1	P1_RN02	85	75-76
P1	P1_RN03	85	76-79
P1	P1_RN04	85	77-80
P1	P1_RN05	85	77-81
P1	P1_RN06	85	78-82
P1	P1_RN07	85	77-81
P2	P2_RN01 (1/F - 36/F)	85	76-78
P2	P2_RN01 (37/F - 44/F)	85	75-76
P2	P2_RN02	85	75-77
P2	P2_RN03 (1/F - 36/F)	85	75-77
P2	P2_RN03 (37/F - 44/F)	85	75-76
P3	P3_RN01 (1/F - 36/F)	85	74-75
P3	P3_RN01 (37/F - 44/F)	85	74-75

Table with 2 columns: Parameter and Value. Includes Project (San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations), NAP ID (P1_RN06), NSR (B16018 B, B30706 B), NSR (Z) (121.0), Scenario (Daytime unmitigated), Receptor Type (Block1), Noise Criterion dB(A) (70).

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Crossing Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen in Station, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Cumulative Impact.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Crossing Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen in Station, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Cumulative Impact.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Crossing Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen in Station, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Cumulative Impact.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Crossing Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen in Station, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Cumulative Impact.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Crossing Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen in Station, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Cumulative Impact.

San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations

Table with project details: Project (San Hing Road and Hong Po Road), P1_RN06, NSR (x) 816018 B, NSR (y) 830755 B, NSR (z) 121.0, Scenario Daytime unmitigated, Recipient Type Block1, Noise Criterion dB(A) 70.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise Overall L_Aeq, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters for Structure Re-Radiated Noise, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise Overall L_Aeq, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise Overall L_Aeq, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, Angle SB, Barrier Correction, Deck Reflection, Time Correction, Crossing Correction, Track Deterioration, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption, and L_Aeq.

Table with 2 columns: Parameter and Value. Includes Project (San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations), NAP ID (P1_RN06), NSR (B16018 B, B30765 B), NSR (Z) (121.0), Scenario (Night Time unmitigated), Receptor Type (Block1), and Noise Criterion dB(A) (70).

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Intensity.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Intensity.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Intensity.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Intensity.

Table with 28 columns (WNO to LNS) and 30 rows. Rows include SEL Reference, Height of Receiver, Height of Notional Noise Source, Horizontal Distance, Solid Parapet Height, Noise Barrier Height, Horizontal Distance Between Notional Noise Source and NSR, View angle, Acute angle, Slant Distance, Slant Distance Between Solid Parapet/NoiseBarrier and Receiver, Slant Distance Between Source and Receiver, Path Length Difference, Angle SB, Angle SR, Shadow Zone, Barrier Correction, Distance Correction, View Angle Correction, Deck Reflection Correction, Time Correction, Track Deterioration Correction, Facade Correction, Correction for Wind Screen, Speed Correction, Correction for No. of Car, Air Absorption Correction, and Intensity.

San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations

Table with project details: Project (P1_RN06), NSR (x) (816018 B), NSR (y) (830755 B), NSR (z) (121.0), Scenario (Night Time unmitigated), Receptor Type (Block1), Noise Criterion, dB(A) (70).

Table with 23 columns (LN6 to L23) and 30 rows of noise calculation parameters including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, and various correction factors.

Table for Rolling Noise Overall LAeq with 23 columns (LN6 to L23) and 30 rows of parameters, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, and various correction factors.

Table for AC Noise Overall LAeq with 23 columns (LN6 to L23) and 30 rows of parameters, including SEL Reference, Height of Receiver, Horizontal Distance, Slant Distance, Path Length Difference, and various correction factors.

Cumulative Impact

Table for Cumulative Impact with 23 columns (LN6 to L23) and 30 rows of parameters, including Track Start/End Points, Projection Point, Horizontal Distance, View Angle, and Acute Angle.

Project	San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations
NAP ID	P1_RN06
NSR (x)	B16018 B
NSR (y)	B30795 B
NSR (z)	121.0
Scenario	Lmax unmitigated
Receptor Type	Block1
Noise Criterion, dB(A)	70

Track ID	WNO	WN1	WN2	WN3	WN4 (Enclosure)	WN5	WN6	WN7	WN8	WN9	WS0	WS1	WS2	WS3	WS4 (Enclosure)	WS5	WS6	WS7	WS8	WS9	WS10	LNQ	LN1	LN2	LN3	LN4	LN5	
Rolling Noise	74.1	74.1	74.1	74.1	0.0	74.1	74.1	74.1	74.1	74.1	73.4	73.4	73.4	73.4	0.0	73.4	73.4	73.4	73.4	73.4	73.4	76.3	76.3	76.3	73.1	73.1		
Height of Receiver, mPD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	
Height of Notional Noise Source, mPD	20.5	20.5	20.5	20.5	17.4	14.2	13.7	13.2	12.7	12.2	20.5	20.5	20.5	20.5	17.4	14.2	13.7	13.2	12.7	12.2	11.3	7.6	7.6	6.9	6.9	7.0		
Horizontal Distance Between Notional Noise Source and Solid Parapet/Noise Barrier, m	1.3	1.3	1.3	1.3	0.0	1.3	1.3	1.3	1.3	1.3	NA	NA	NA	NA	6.5	6.5	6.5	6.5	6.5	6.5	NA	NA	NA	NA	NA	NA	NA	
Solid Parapet Height, m	1.2	1.2	1.2	1.2	0.0	1.2	1.2	1.2	1.2	1.2	NA	NA	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA	NA	NA	NA	NA	
Noise Barrier Height, m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Solid Parapet & Noise Barrier Height, mPD	21.7	21.7	21.7	21.7	0.0	15.4	14.9	14.4	14.4	14.4	NA	NA	NA	NA	21.7	18.6	15.4	14.9	14.4	14.4	NA	NA	NA	NA	NA	NA	NA	NA
Horizontal Distance Between Notional Noise Source and NSR, m	403.1	348.4	293.9	244.3	136.3	49.3	55.3	74.3	NA	NA	401.8	349.2	298.3	248.0	138.0	54.3	59.3	80.2	NA	NA	NA	404.5	341.6	266.1	197.3	137.6	79.0	
View angle, degree	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acute angle, degree	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slant Distance Between Notional Noise Source and Podium/Noise Barrier (SB), m	1.8	1.8	1.8	1.8	17.4	1.8	1.8	1.8	NA	NA	6.6	6.6	6.6	6.6	1.8	6.6	6.6	6.6	NA	NA	NA	7.6	7.6	6.9	6.9	7.0	7.0	
Slant Distance Between Solid Parapet/NoiseBarrier and Receiver (BR), m	413.9	361.0	309.0	262.5	182.3	116.0	119.0	129.2	NA	NA	407.6	366.8	308.2	261.1	170.8	115.9	118.5	129.6	NA	NA	NA	422.2	362.4	292.3	231.5	183.2	144.5	
Slant Distance Between Source and Receiver (SR) (d'), m	415.4	362.6	310.6	264.1	171.2	117.6	120.7	130.9	NA	NA	414.2	363.4	314.7	267.6	172.6	119.8	122.6	134.4	NA	NA	NA	420.1	360.0	289.5	227.9	178.8	138.7	
Path Length Difference (P.L.D.), m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angle SB, degree	42.7	42.7	42.7	42.7	0.0	42.7	42.7	42.7	NA	NA	10.5	10.5	10.5	10.5	42.7	10.5	10.5	10.5	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angle SR, degree	14.0	16.1	18.9	22.4	37.3	65.2	62.7	55.4	NA	NA	14.0	16.1	18.6	22.1	36.9	63.1	61.1	53.4	NA	NA	NA	15.7	18.4	23.2	30.0	39.7	55.3	
Shadow Zone	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	NA	NA	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	NA	NA	NA	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
Barrier Correction, dB(A) [b]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Distance Correction, dB(A) [c]	-12.2	-11.6	-10.9	-10.2	-8.4	-6.7	-6.8	-7.2	NA	NA	-12.2	-11.6	-11.0	-10.3	-8.4	-6.8	-6.9	-7.3	NA	NA	NA	-12.3	-11.6	-10.6	-9.6	-8.5	-7.4	
View Angle Correction (CRN), dB(A) [d]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Deck Reflection Correction, dB(A) [e]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Time Correction (30min), dB(A) [f]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Track Deterioration Correction, dB(A) [g]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Track Deterioration Correction, dB(A) [h]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Facade Correction, dB(A) [i]	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	NA	NA	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	NA	NA	NA	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Correction for Wind Screen in Station, dB(A) [j]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Speed Correction, dB(A) [k]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Correction for No. of Car, dB(A) [l]	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	NA	NA	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	NA	NA	NA	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Air Absorption Correction, dB(A) [m]	-3.1	-2.7	-2.3	-1.9	-1.2	-0.7	-0.8	-0.8	NA	NA	-3.1	-2.7	-2.3	-1.9	-1.2	-0.8	-0.9	-0.9	NA	NA	NA	-3.2	-2.7	-2.1	-1.6	-1.2	-0.9	
L _{max} [(a) + (b) + (c) + (d) + (e) + (f) + (g) + (h) + (i) + (j) + (k) + (l) + (m)]	64.8	65.8	66.9	68.0	0.0	72.6	72.6	72.1	0.0	0.0	64.1	65.1	66.1	67.2	0.0	71.8	71.7	71.2	0.0	0.0	0.0	66.4	67.5	69.0	67.4	68.9	70.3	
Intensity	3007763.4	3797725.1	4880349.1	6251601.2	0.0	18384983.9	17816058.4	16115241.0	0.0	0.0	2574028.5	3220568.5	4067639.0	5219498.4	0.0	15303543.3	14879034.8	13284303.6	0.0	0.0	0.0	4343296.1	5663693.8	8016008.3	5511352.5	7494041.1	10673445.9	

Rolling Noise Overall L _{max}	WNO	WN1	WN2	WN3	WN4 (Enclosure)	WN5	WN6	WN7	WN8	WN9	WS0	WS1	WS2	WS3	WS4 (Enclosure)	WS5	WS6	WS7	WS8	WS9	WS10	LNQ	LN1	LN2	LN3	LN4	LN5
Rolling Noise Overall L _{max}	77.4	77.4	77.4	77.4	0.0	77.4	77.4	77.4	77.4	77.4	76.7	76.7	76.7	76.7	0.0	76.7	76.7	76.7	76.7	76.7	76.7	79.6	79.6	79.6	76.4	76.4	
Height of Receiver, mPD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
Height of Notional Noise Source, mPD	24.5	24.5	24.5	24.5	21.4	18.2	17.7	17.2	16.7	16.2	24.5	24.5	24.5	24.5	21.4	18.2	17.7	17.2	16.7	16.2	15.3	11.6	11.6	10.9	10.9	11.0	
Horizontal Distance Between Notional Noise Source and Solid Parapet/Noise Barrier, m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Solid Parapet Height, mPD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Noise Barrier Height, m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solid Parapet & Noise Barrier Height, mPD	24.5	24.5	24.5	24.5	0.0	18.2	17.7	17.2	NA	NA	24.5	24.5	24.5	24.5	21.4	18.2	17.7	17.2	NA	NA	NA	24.5	24.5	24.5	24.5	24.5	24.5
Horizontal Distance Between Notional Noise Source and NSR, m	403.1	348.4	293.9	244.3	136.3	49.3	55.3	74.3	NA	NA	401.8	349.2	298.3	248.0	138.0	54.3	59.3	80.2	NA	NA	NA	404.5	341.6	266.1	197.3	137.6	79.0
View angle, degree	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
Acute angle, degree	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
Slant Distance Between Notional Noise Source and Podium/Noise Barrier (SB), m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
Slant Distance Between Solid Parapet/NoiseBarrier and Receiver (BR), m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0													

San Hing Road and Hong Po Road - Appendix 5.21 Sample Calculations

Table with project details: Project (P1_RN06), NAP ID (816018 B), NSR (x) (830755.9), NSR (z) (121.0), Scenario (Lmax unmitigated), Receptor Type (Block1), Noise Criterion, dB(A) (70)

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for Rolling Noise, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for AC Noise Overall LAeq, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

AC Noise Overall LAeq

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for Structure Re-Radiated Noise, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

Structure Re-Radiated Noise

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for Cumulative Impact, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for Cumulative Impact, including Lmax reference, height of receiver, horizontal distance, and various correction factors.

Table with 20 columns (LN6 to L23) and 30 rows of noise calculation parameters for Cumulative Impact, including Lmax reference, height of receiver, horizontal distance, and various correction factors.