

November 2016 Noise Monitoring



Date of noise monitoring	Time of Noise Monitoring	Location	Noise Monitoring Results						Comments
			Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
30/11/2016	11:55	Wave 5A - 961 Woolli Road	56.8	77.9		38.9	46.4	41.9	
	12:35	Wave 5A - 625 Tucabia-Tyndale Road	65.3	68.4		58.4	65.4	61.8	
Background Noise Monitoring									
19/11/2016	16:44	Wave 3 - South Tyndale - Marcus Property	56.9	74	105.8	42.6			Background Noise Monitoring DW1530. Dominant noise = highway traffic. No construction. Sample taken within property boundary
	16:26	Wave 3 - South Tyndale - DW1527 Caravan Park	56.9	77.1	110	43.6			Caravan park. Back ground monitoring. Dominant noise = pacific highway traffic. No construction.
	15:52	Wave 3 - South Tyndale - DW1534 Pink House Property	52.5	69.2	103.7	43.4			No construction. Background monitoring. Sample taken within property boundary. Dominant noise is highway traffic
	15:36	Wave 3 - South Tyndale - DW1535 Neighbours Property	53.2	71.5	106.4	46.9			No construction. Pacific highway traffic. Background monitoring. Sample taken within property boundary
5/12/2016	18:30	Wave 3 - Maclean Line Marking Works - Cameron St Residences	61.3	87.4	110.7	34			Evening monitoring. Noise observations during sample include traffic on Pacific Highway and traffic on Cameron St and this was the dominant noise source
	6:01	Wave 3 - Maclean Line Marking Works - Cameron St Residences	56.7	85.4	113.6	36.5			Noise observations during sample included Pacific highway traffic, traffic to Cameron St and bats roosting. Dominant noise source being road traffic
	22:04	Wave 3 - Maclean Line Marking Works - Cameron St Residences	54.4	75.9	100	29.6			Background measurement for Night (22:00 to 0:700) taken at Cameron St residences. Noise observations during sample was night insects, Pacific and Cameron St traffic
2/12/2016	12:20	Wave 3 - DW1624 Adjacent to Shark Creek site	53.2	80.3	108.5	27.7			Standard day time period. RBL set at 41. No construction activities at time of sample being collected
	17:28	Wave 3 - DW1624 Shark Creek	59.4	84.2	111.9	40.2			Approx. 4 cars in background = background noise. Sample taken from 241m from proposed works
Monitoring in response to complaint									
12/11/2016	11:35	Wave 3 - 2826 Pacific Highway Residence	60.4	71.1	95.5	38.6			Background noise sampling at sensitive receiver in response to complaint made to PC. No construction activities at time of sample collection. This sample to be used for determining RBL specific to this SR. dominant noise source at time of sample = Adjacent highway traffic (highway traffic at approx. 70% normal activity. Highway approx. 30m from dwelling.
	11:50	Wave 3 - 2826 Pacific Highway Residence	61.2	80	110.2	43.7			
14/11/2016	9:19	Wave 3 - 2826 Pacific Highway Residence	60.4	78.4	106.2	48.9			FKG construction activities same as for during Friday shift. Trucks entering/ leaving site and grader. Seymour White site moxys beign loaded on hill same as friday. Seymour White ripping materials at compound during Friday shift compelted and now being loaded out (1 x excavator and 1 x moxy)
	9:35	Wave 3 - 2826 Pacific Highway Residence	70.8	107.5	141.8	47.8			

Monitoring during construction

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5/12/2016	11:57	Wave 3 - Shark Creek	60.4	82.1	109.2	29.2		Operational monitoring during construction. Demo works at Sharks Creek. Jack hammering
	9:10	Wave 3 - South Tyndale - DW1527, DW1530	64.3	86.3	111.8	52.4		Measured Background Level = 56.9. During construction - clearing works located between 5a & 4a catchments. This result is over modeled RBL, but not more than 10dB over measured back ground level
	8:22	Wave 3 - South Tyndale - DW1527 & DW1530	58.1	70.5	95.7	51.7		Measured background level = (DW1534 = 52.1 and DW1535 = 53.2). Noise monitoring during construction - clearing works between 5a & 4a catchments. Results are more than 10dB over modeled RBL, but not more than 10dB over measured background level
	20:54	Wave 3 - Maclean Line Marking Works - Cameron Street	56.7	78.7	97	30.3		Result are above this NML, but are no more than 5db over the measured background level. Measured background level for eveing = 61.3db. These results during this sample are below the measured background level
8/12/2016	20:06	Wave 3 - Maclean Line Marking Works - Cameron St Residences	50.5	70.4	110.7	40.3		Results is above this NL, but are no more than 5db over the measured background level. Measured background level for evening = 61.3 db. These results during this sample are below the measured background level. Dominant noise source was traffic. Works not audible at this location