

Noise results for PF Formation - September 2017

Location 1. Toratola Property Hitchcock Road

Date/Time	Measurement description	Applicable Criterion Level [dB]	Measured Noise Level LAeq [dB]	Measured L1 [dB]	Measured L90 [dB]	Exceeding LAeq [dB]	Notes
1st Sept 2017/6.19am	1 minute night	45 LA1, 1 min	61.7	63.9	61.1	16.7	Truck movement and other road traffic dominate background noise. Birds calling nearby.
1st Sept 2017/6.02am	15 minute night	35 LAeq, 15min	60.2	60.9	59.5	25.2	Truck movements and other road traffic dominate background noise. Birds calling nearby.
1st Sept 2017/11.15am	15 minute day	39 LAeq, 15min	80.1	89.9	66	41.1	Dogs barking. Birds calling nearby. Truck and other vehicle traffic dominate background noise. Quarry noise slightly audible from Haerses Road.

Location 2. Pignataro Property Wisemans Ferry Rd/Old Northern Rd

1st Sept 2017/6.39am	1 minute night	45 LA1, 1 min	66.2	73.9	60.2	21.2	Truck and other traffic noise dominate background. Birds calling nearby. Quarry noise audible in distance.
1st Sept 2017/6.23am	15 minute night	35 LAeq, 15min	60.9	61.9	60.1	25.9	Trucks and other vehicle traffic dominate background noise. Birds calling nearby. Quarry noise audible in distance.
1st Sept 2017/7.53am	15 minute day	42 LAeq, 15min	81.8	91.9	60	39.8	Truck and other vehicle traffic dominate background noise. Birds calling nearby.

Location 3. Jurds Property Old Northern Rd

1st Sept 2017/6.58am	1 minute night	45 LA1, 1 min	86.9	87.9	85.5	41.9	Truck and other traffic dominate background noise. Birds, particularly parrots, calling nearby.
1st Sept 2017/6.43am	15 minute night	35 LAeq, 15min	80.1	81.9	79	45.1	Truck and other traffic dominate background noise. Birds calling nearby.

1st Sept 2017/7.01a m	15 minute day	39 LAeq, 15min	73.7	80.9	68	34.7	Truck and other vehicle traffic dominate background noise. Birds calling nearby.
Site 4. Maroota Public School Old Northern Rd							
1st Sept 2017/10.1 2am	1 hour day	36 LAeq, 1 hour	60.4	61.9	60.1	24.4	Quarry noise audible. Can not determine if noise is more from Lot 198 or neighbouring quarry. Traffic noise in background. Birds calling nearby, particularly Bell Birds. School noise such as children yelling/squealing etc.

Noise results for PF Formation - December 2017

Location 1. Toratola Property Hitchcock Road

Date/Time	Measurement description	Applicable Criterion Level [dB]	Measured Noise Level LAeq [dB]	Measured L1 [dB]	Measured L90 [dB]	Exceeding LAeq [dB]	Notes
1st Dec 2017/6..00 am	1 minute night	45 LA1, 1 min	62	62.9	61.3	17	Truck movement and other road traffic dominate background noise. Birds and insects calling nearby.
1st Dec 2017/6.02a m	15 minute night	35 LAeq, 15min	62.8	63.9	62	27.8	Truck movements and other road traffic dominate background noise. Birds calling nearby.
1st Dec 2017/8.30a m	15 minute day	39 LAeq, 15min	63.2	64.9	62.3	24.2	Cicadas dominant and consistent background noise. Road traffic noise in background. No quarry noise audible.

Location 2. Pignataro Property Wisemans Ferry Rd/Old Northern Rd

1st Dec 2017/6.19a m	1 minute night	45 LA1, 1 min	62.2	66.9	60.5	17.2	Truck and other traffic noise dominate background. Birds and frogs calling in distance.
1st Dec 2017/6.21a m	15 minute night	35 LAeq, 15min	62.7	63.9	61.3	27.7	Trucks and other vehicle traffic dominate background noise. Birds, insects and frogs calling nearby.
1st Dec 2017/9.13a m	15 minute day	42 LAeq, 15min	64.1	69.9	61.2	22.1	Cicadas dominant and consistent background noise. Road traffic noise in background. Birds and insects calling nearby. Quarry noise slightly audible when no traffic noise present.

Location 3. Jurds Property Old Northern Rd

1st Dec 2017/6.57a m	1 minute night	45 LA1, 1 min	81.2	81.9	81.1	36.2	Truck and other traffic dominate background noise. Birds calling nearby.
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1st Dec 2017/6.40a m	15 minute night	35 LAeq, 15min	81.1	81.9	80.5	46.1	Truck and other traffic dominate background noise. Birds calling nearby.
1st Dec 2017/12.0 3pm	15 minute day	39 LAeq, 15min	66.7	70.9	63	27.7	Cicadas dominant and consistent background noise. Road traffic noise in background. Birds and insects calling nearby. Quarry noise audible from Roberts Road.
Site 4. Maroota Public School Old Northern Rd							
1st Dec 2017/11a m	1 hour day	36 LAeq, 1 hour	63.8	67.9	62	27.8	Cicadas and Bell Birds dominant and consistent background noise. Road traffic in background. Birds and insects calling nearby. Quarry noise slightly audible in background. School noises throughout monitoring period such as loud music, children yelling/screaming and notification/alarms/alert bells.

Noise results for PF Formation - March 2018

Location 1. Toratola Property Hitchcock Road

Date/Time	Measurement description	Applicable Criterion Level [dB]	Measured Noise Level LAeq [dB]	Measured L1 [dB]	Measured L90 [dB]	Exceeding LAeq [dB]	Notes
1st March 2018/6.38am	1 minute night	45 LA1, 1 min	61.4	62.3	61	16.4	Background noise dominated by traffic, cars and trucks.
1st March 2018/6.23am	15 minute night	35 LAeq, 15min	62	62.9	61.2	27	Background noise dominated by traffic, cars and trucks.
1st March 2018/8.52am	15 minute day	39 LAeq, 15min	64.1	64.9	63.3	25.1	Background noise dominated by traffic, cars and trucks. Birds calling. Machinery barely audible from Heares Road.

Location 2. Pignataro Property Wisemans Ferry Rd/Old Northern Rd

1st March 2018/6.58am	1 minute night	45 LA1, 1 min	60.9	61.9	60.1	15.9	Background noise dominated by traffic, cars and trucks. Birds calling. Insects calling.
1st March 2018/6.42am	15 minute night	35 LAeq, 15min	61.6	63.9	60.5	26.1	Background noise dominated by traffic, cars and trucks. Insects calling. Birds calling. Rooster crowing. Dogs barking.
1st March 2018/12.11pm	15 minute day	42 LAeq, 15min	61.3	61.9	60.6	19.3	Background noise dominated by traffic, cars and trucks. Birds calling. Quarry noise barely audible when traffic noise stops.

Location 3. Jurds Property Old Northern Rd

1st March 2018/6.58am	1 minute night	45 LA1, 1 min	85.2	87.7	85.1	40.2	Background noise dominated by traffic, cars and trucks. Birds calling. Insects calling.
1st March 2018/6.42am	15 minute night	35 LAeq, 15min	84.8	86.8	84.1	49.8	Background noise dominated by traffic, cars and trucks. Birds calling. Insects calling.

1st March 2018/12.1 1pm	15 minute day	39 LAeq, 15min	84.5	88.4	84.1	45.5	Quarry noise audible from Roberts Road and Hitchcocks Road. Traffic including cars and trucks. Leaves rustling. Birds calling.
Site 4. Maroota Public School Old Northern Rd							
1st March 2018/9.12a m	1 hour day	36 LAeq, 1 hour	62.8	63.9	62	26.8	Background noise dominated by quarry/machinery noise. Traffic audible including cars and trucks. Birds calling, especially Bell Birds. School announcement bell/tone. Children talking, yelling, squealing while playing outdoor ball games.