Noise Monitoring		
Licensee	SHOALHAVEN STARCHES PTY LTD, 160 Bolong Rd Bomaderry NSW 2541	
EPA Licence Number	883	EPA's Public Register: https://app.epa.nsw.gov.au/prpoeoapp/
Monitoring Frequency	Six Monthly	

Date Obtained 1 October 2012, Date Published 4 October 2012

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	18/09/2012	15 min	<36	38	no	Plant slightly audible, traffic noise from the west	Due to the prevailing weather conditions, the L90 levels recorded for all the locations were influenced by traffic on the Princes Highway to the west. Furthermore on the night of the survey there were road works occurring on the bridge over the river that at times interfered with the monitoring.
2	18/09/2012	15 min	38	38	no	Plant audible, traffic noise from the west	
3	18/09/2012	15 min	<30	38	no	Plant not audible, traffic noise from the west	
4	18/09/2012	15 min	37	38	no	Plant audible, traffic noise from the west	
5	18/09/2012	15 min	<38	42	no	Plant audible, traffic noise from the west	
6	18/09/2012	15 min	<37	42	no	Plant slightly audible	

Date Obtained 24 January 2013, Date Published 30 January 2013

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	17/01/2013	15 min	32	38	no	Plant slightly audible, traffic noise from the west	Due to the prevailing weather conditions, the L90 levels recorded for all the locations were influenced by traffic on the Princes Highway to the west.
2	17/01/2013	15 min	34	38	no	Plant audible, traffic noise from the west	
3	17/01/2013	15 min	<30	38	no	Plant not audible, traffic noise from the west	
4	17/01/2013	15 min	30	38	no	Plant audible, traffic noise from the west	
5	17/01/2013	15 min	<38	42	no	Plant audible, traffic noise from the west	
6	17/01/2013	15 min	<40	42	no	Plant audible	

Date Obtained 15 August 2013, Date Published 19 August 2013

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	9/08/2013	15 min	38/39	38	yes	Plant audible. Constant mid frequency fan noise. Minimal low frequency component to the plant noise. Low frequency traffic noise from the west clearly audible.	The weather conditions during the survey were cool, with a light wind from the north west which eased as the survey progressed. Due to the prevailing weather conditions, the L90 levels recorded for all the locations were influenced by traffic on the Princes Highway to the west. Possible minor exceedance at location 1 described as mid frequency fan noise to be investigated.
2	9/08/2013	15 min	<37	38	no	Plant barely audible in mid frequencies, no low frequency component to the noise. Low frequency traffic noise from the west clearly audible.	
3	9/08/2013	15 min	<35	38	no	Plant not audible, low frequency traffic noise clearly audible from the west and south.	
4	9/08/2013	15 min	32	38	no	Plant barely audible in mid frequencies, no low frequency component to the noise. Low frequency traffic noise from the west clearly audible.	
5	9/08/2013	15 min	<35	42	no	Plant barely audible with some mid frequency fan noise. Traffic noise from the west dominates the area.	
6	9/08/2013	15 min	<32	42	no	Plant barely audible, traffic noise from the west dominates the area.	

Date Obtained 30 January 2014, Date Published 4 February 2014

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	16/01/2014	15 min	35	38	no	Plant audible. Constant mid frequency fan noise. Audible tone from Paper Mill. Traffic noise from the west clearly audible.	Under the prevailing weather conditions the noise from the site, when audible, was generally broad band and free from tonal or intermittent characteristics. However, at location 5 the environment was dominated by noise from a train making determination of the contribution impossible for this survey.
2	16/01/2014	15 min	<37	38	no	Plant audible. Traffic noise from the west audible.	
3	16/01/2014	15 min	<32	38	no	Plant not audible, low frequency traffic noise clearly audible from the west and south.	
4	16/01/2014	15 min	38	38	no	Plant audible. Traffic noise from the west clearly audible.	
5	16/01/2014	15 min	?	42	?	Plant audible with noise from train dominating.	
6	16/01/2014	15 min	42	42	no	Plant audible and distant traffic.	

Date Obtained 4 February 2015, Date Published 5 February 2015

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	25/07/2014	15 min	<36	38	no	Plant inaudible. Audible broad band noise from paper mill. Traffic noise as general hum.	The prevailing weather was unusual with respect to previous surveys giving rise to higher background levels but not plant noise. Under the prevailing weather, noise from the site was inaudible at the majority of the locations. However, at location 5 the environment was dominated by noise from train operations making determination of the contribution difficult.
2	25/07/2014	15 min	<37	38	no	Plant barely audible. Traffic noise as general hum.	
3	25/07/2014	15 min	<30	38	no	Plant not audible.	
4	25/07/2014	15 min	<36	38	no	Plant inaudible.	
5	25/07/2014	15 min	<40	42	no	Plant barely audible with noise from train dominating.	
6	25/07/2014	15 min	<36	42	no	Plant inaudible.	

Date Obtained 15 April 2015, Date Published 16 April 2015

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	11/04/2015	15 min	<33	38	no	Plant just audible.	The weather conditions during the survey were cool 19°C, cloudy sky, and either no wind or a very light S wind.
2	11/04/2015	15 min	37	38	no	Plant audible.	
3	11/04/2015	15 min	<30	38	no	Plant not audible.	
4	11/04/2015	15 min	<32	38	no	Plant barely audible.	
5	11/04/2015	15 min	42	42	no	Plant audible.	
6	11/04/2015	15 min	40	42	no	Plant audible.	

Date Obtained 17 September 2015

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments

1	29/07/2015	15 min	40	38	yes	Plant audible + traffic noise. Roar.	The weather conditions during the survey were 9oC and north-westerly winds which ranged from 9 km/h to 15 km/h. Location 1 exceedance exhibited a mid band roar. Investigations into cause are underway.
2	29/07/2015	15 min	<35	38	no	Plant barely audible. Traffic noise as general hum	
3	29/07/2015	15 min	<33	38	no	Plant barely audible.	
4	29/07/2015	15 min	<27	38	no	Plant inaudible.	
5	29/07/2015	15 min	40	42	no	Plant audible + traffic noise	
6	29/07/2015	15 min	<35	42	no	Plant barely audible, traffic noise	
7	29/07/2015	15 min	<20	40	no	Plant inaudible.	

Date Obtained 30 March 2016

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	12/02/2016	15 min	32	38	no	Plant audible, traffic noise roar + insects (dominant)	The weather conditions during the survey were cool (18 deg C) and overcast, with no wind observed. Noise marginally exceeded at Location 5 described as mid-frequency broadband roar that at times, was masked by highway traffic to the west.
2	12/02/2016	15 min	37	38	no	Plant audible, traffic noise roar & insects.	
3	12/02/2016	15 min	<30	38	no	Plant inaudible, insects (dominant)	
4	12/02/2016	15 min	30	38	no	Plant audible + traffic noise roar	
5	12/02/2016	15 min	43	42	yes	Plant audible + traffic noise roar	
6	12/02/2016	15 min	41	42	no	Plant audible + traffic noise roar	
7	12/02/2016	15 min	39	40	no	Plant audible, traffic noise roar + insects	

Date Obtained 16 August 2016

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	5/08/2016	15 min	<40	38	yes	Plant audible, traffic noise roar (dominant)	The weather conditions were 6 - 7 deg C with 13 km/h north-westerly winds down to 7km/h towards the end of the monitoring period. Plant contribution at Location 1 is difficult to obtain due to the degree of noise from road traffic that was evident during the survey.
2	5/08/2016	15 min	37	38	no	Plant audible, traffic noise roar (dominant)	
3	5/08/2016	15 min	<29	38	no	Plant inaudible, traffic noise roar	
4	5/08/2016	15 min	32	38	no	Plant barely audible, traffic noise roar (dominant)	
5	5/08/2016	15 min	38	42	no	Plant audible, traffic noise roar	
6	5/08/2016	15 min	38	42	no	Plant audible, traffic noise roar	
7	5/08/2016	15 min	33	40	no	Plant audible, traffic noise roar	

Date Obtained 20 February 2017

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	30/01/2017	15 min	26	38	no	Plant audible, traffic noise roar	Light winds observed at Locations 2 & 4 near Shoalhaven River, whilst no wind was observed at the other reference locations in Nowra, Terara & Bomaderry. BoM (HMAS Albatross) nowra station revealed 23 - 25 deg C with light SE winds which turned NE at the end of the monitoring period. Unstable weather conditions noted at Location 7.
2	30/01/2017	15 min	37	38	no	Plant audible, traffic noise roar, light wind	
3	30/01/2017	15 min	27	38	no	Plant audible, traffic noise roar, insects	
4	30/01/2017	15 min	37	38	no	Plant audible, traffic noise roar, light wind	
5	30/01/2017	15 min	42	42	no	Plant audible, traffic noise roar	
6	30/01/2017	15 min	37	42	no	Plant audible, a/c at 19 Meroo St, traffic noise roar	
7	30/01/2017	15 min	-	40	no	Unstable / variable weather conditions described as atypical, result excluded.	

Date Obtained 7 August 2017

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	1/08/2017	15 min	37	38	no	Plant audible, traffic noise roar, light wind.	Light winds were observed at the monitoring locations in close proximity to the river (Locations 1, 2 and 4) which gave rise to a slight contribution to the ambient background level, whilst the wind speeds at the other monitoring locations were lower and did not give rise to any increase above the background level.
2	1/08/2017	15 min	37	38	no	Plant audible, traffic noise roar, light wind	
3	1/08/2017	15 min	< 28	38	no	Plant inaudible, traffic noise roar.	
4	1/08/2017	15 min	37	38	no	Plant audible, traffic noise roar, light wind.	
5	1/08/2017	15 min	35	42	no	Plant audible, traffic noise roar, electric hum from streetlight.	
6	1/08/2017	15 min	34	42	no	Plant audible, traffic noise roar.	
7	1/08/2017	15 min	29	40	no	Plant barely audible, traffic noise roar, electric hum from telegraph pole transformer.	

Date Obtained 5 February 2018

Location	Date	Measurement Period	Measured levels dB(A) L_{90}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	1/02/2018	15 min	35	38	no	Plant audible, traffic noise roar.	Light south-westerly winds were recorded at HMAS Albatross weather station during the monitoring period, however no wind could be detected at the monitoring locations during the survey.
2	1/02/2018	15 min	37	38	no	Plant audible, traffic noise roar, insects	
3	1/02/2018	15 min	< 24	38	no	Plant inaudible, traffic noise roar, insects	
4	1/02/2018	15 min	33	38	no	Plant audible, traffic noise roar.	
5	1/02/2018	15 min	40	42	no	Plant barely audible, traffic noise roar, electric hum from streetlight.	
6	1/02/2018	15 min	35	42	no	Plant occasionally audible, traffic noise roar, freight train.	
7	1/02/2018	15 min	31	40	no	Plant barely audible, traffic noise roar, electric hum from telegraph pole transformer.	

Date Obtained 29 August 2018

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	23/08/2018	15 min	<37	38	no	Plant audible, traffic noise roar.	Calm/light westerly winds recorded at HMAS Albatross weather station during the monitoring period. The weather was observed to be overcast with no wind at the monitoring locations.
2	23/08/2018	15 min	38	38	no	Plant audible, traffic noise roar.	
3	23/08/2018	15 min	<23	38	no	Plant inaudible, traffic noise roar.	
4	23/08/2018	15 min	37	38	no	Plant audible, traffic noise roar.	
5	23/08/2018	15 min	<41	42	no	Plant audible, traffic noise roar, mechanical plant.	
6	23/08/2018	15 min	<40	42	no	Plant audible, traffic noise roar.	
7	23/08/2018	15 min	36	40	no	Plant audible, traffic noise roar.	

Date Obtained 14 February 2019

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	7/02/2019	15 min	<35	38	no	Plant audible, traffic noise roar, crickets	Calm/light westerly winds recorded at HMAS Albatross weather station during the monitoring period. The weather was observed to be overcast with no wind at the monitoring locations.
2	7/02/2019	15 min	<38	38	no	Plant barely audible, traffic noise roar, crickets	
3	7/02/2019	15 min	<37	38	no	Plant inaudible, crickets	
4	7/02/2019	15 min	35	38	no	Plant audible, traffic noise roar, crickets	
5	7/02/2019	15 min	<41	42	no	Plant audible, traffic noise roar, mechanical plant.	
6	7/02/2019	15 min	<40	42	no	Plant audible, traffic noise roar.	

7	7/02/2019	15 min	<39	40	no	Plant barely audible, traffic noise roar, crickets	

Date Obtained 20 August 2019

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	13/08/2019	15 min	<37	38	no	Plant audible, traffic noise roar, wind	Light westerly winds were observed at the monitoring locations in Terara and Nowra, whilst no wind could be detected at the monitoring locations in Bomaderry.
2	14/08/2019	15 min	<38	38	no	Plant audible, traffic noise roar, wind	
3	14/08/2019	15 min	<26	38	no	Plant inaudible, traffic noise roar, wind	
4	14/08/2019	15 min	<35	38	no	Plant audible, traffic noise roar, wind	
5	14/08/2019	15 min	<40	42	no	Plant audible, traffic noise roar, mechanical plant	
6	14/08/2019	15 min	<39	42	no	Plant audible, traffic noise roar.	
7	14/08/2019	15 min	<34	40	no	Plant audible, traffic noise roar.	

Date Obtained 4 February 2020

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	30/01/2020	15 min	<33	38	no	Plant audible, traffic noise roar, crickets	The weather conditions were clear and warm (19 – 20 oC) with no wind detected at the monitoring locations.
2	30/01/2020	15 min	<38	38	no	Plant audible, traffic noise roar	
3	30/01/2020	15 min	<32	38	no	Plant inaudible, traffic noise roar, crickets	
4	30/01/2020	15 min	<34	38	no	Plant audible, traffic noise roar, crickets	
5	30/01/2020	15 min	<42	42	no	Plant audible, traffic noise roar, mechanical plant	
6	30/01/2020	15 min	<40	42	no	Plant audible, traffic noise roar.	
7	30/01/2020	15 min	<40	40	no	Plant audible, traffic noise roar.	

Date Obtained 23 July 2020

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	18/07/2020	15 min	<37	38	no	Plant audible, traffic noise roar, variable wind	The weather conditions were overcast and cold (10 - 11 ^{o}C). Light variable winds were detected at the monitoring locations in close proximity to the Shoalhaven River (Locations 1, 2 & 4), whilst no wind could be detected at the other monitoring locations.
2	18/07/2020	15 min	<37	38	no	Plant audible, traffic noise roar, variable wind	
3	18/07/2020	15 min	<33	38	no	Plant occasionally audible, traffic noise roar	
4	18/07/2020	15 min	<36	38	no	Plant audible, traffic noise roar, variable wind	
5	18/07/2020	15 min	<41	42	no	Plant audible, traffic noise roar.	
6	18/07/2020	15 min	<39	42	no	Plant audible, traffic noise roar.	
7	18/07/2020	15 min	<36	40	no	Plant audible, traffic noise roar.	

Date Obtained 25 June 2021

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	10/02/2021	15 min	34	38	no	Plant audible, crickets	The weather conditions were clear and cool (18 ^{o}C) with no wind detected at the monitoring locations.
2	10/02/2021	15 min	36	38	no	Plant audible, traffic noise roar, crickets	
3	10/02/2021	15 min	<33	38	no	Plant inaudible, traffic noise roar, crickets	
4	10/02/2021	15 min	33	38	no	Plant audible, traffic noise roar, crickets	
5	10/02/2021	15 min	<41	42	no	Plant audible, traffic noise roar.	
6	10/02/2021	15 min	<37	42	no	Plant audible, traffic noise roar.	
7	10/02/2021	15 min	<37	40	no	Plant audible, traffic noise roar.	

Date Obtained 15 February 2022

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	28/10/2021	15 min	<34	38	no	Plant audible, traffic noise roar, wind.	The weather conditions were clear and warm (19 ^{o}C). A northerly wind was detected at the monitoring locations in close proximity to the Shoalhaven River (Locations 1, 2 and 4) that was light & variable in strength, whilst no wind could be detected at the other monitoring locations.
2	28/10/2021	15 min	38	38	no	Plant audible, traffic noise roar, wind.	
3	28/10/2021	15 min	<23	38	no	Plant inaudible, traffic noise roar, crickets	
4	28/10/2021	15 min	37	38	no	Plant audible, traffic noise roar, wind.	
5	28/10/2021	15 min	41	42	no	Plant audible, traffic noise roar, mechanical plant.	
6	28/10/2021	15 min	42	42	no	Plant audible, traffic noise roar.	
7	28/10/2021	15 min	<36	40	no	Plant audible, traffic noise roar.	

Date Obtained 22 May 2023

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	25/04/2023	15 min	45	38	yes	Plant audible, negligible traffic noise, crickets	The noise measurements were all conducted during periods of clear skies and very light winds. These meteorological conditions are consistent with those observed during temperature inversions. Such conditions could cause noise levels from the Site to be enhanced at nearby receivers. Investigation into exceedance to be undertaken and rectified as soon as reasonably practicable.
2	25/04/2023	15 min	38	38	no	Plant audible, traffic noise, crickets.	
3	25/04/2023	15 min	<30	38	no	Plant inaudible, traffic noise, crickets	
4	25/04/2023	15 min	34	38	no	Plant audible, traffic noise, crickets	
5	25/04/2023	15 min	39	42	no	Plant audible, traffic noise, mechanical plant, crickets	
6	25/04/2023	15 min	35	42	no	Plant audible, traffic noise, crickets	
7	25/04/2023	15 min	35	40	no	Plant audible, negligible traffic noise, crickets	

Date Obtained 15 December 2023

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	2/11/2023	15 min	28	38	no	Plant noise barely audible. Insect (crickets) noise.	The noise measurements were all conducted during periods of clear skies and very light winds. The weather conditions were (17-15 C). A SE wind was detected at the early monitoring locations before switching to a W wind when testing in Bomaderry
2	2/11/2023	15 min	39	38	yes	Plant clearly audible. Insect noise. Mechanical plant noise in neighbourhood.	
3	2/11/2023	15 min	32	38	no	Plant just audible. Insect noise. Distant traffic noise (Princes Hwy).	
4	2/11/2023	15 min	37	38	no	Plant clearly audible. Traffic noise (Princes Hwy). Mechanical plant noise in neighbourhood.	
5	2/11/2023	15 min	42	42	no	Plant clearly audible. Traffic noise. Nearby (bakery) mechanical plant. Pneumatic valve noise (LA1,1min)	
6	2/11/2023	15 min	40	42	no	Plant clearly audible. Traffic noise. Pneumatic valve noise (LA1,1min)	
7	2/11/2023	15 min	41	40	yes	Plant clearly audible. Traffic noise. Pneumatic valve noise (LA1,1min)	

Date Obtained 22 April 2024

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	7/03/2024	15 min	40	38	yes	Insect noise dominant. Plant noise audible.	The noise measurements were all conducted during periods of clear skies and very light winds. The weather conditions were (19-20 C). A slight WSW wind was consistent across the measurement period
2	7/03/2024	15 min	41	38	yes	Insect noise dominant. Plant noise audible. Distant traffic noise (Princes Hwy)	
3	7/03/2024	15 min	34	38	no	Insect noise dominant. Plant noise audible. Distant traffic noise (Princes Hwy)	
4	7/03/2024	15 min	36	38	no	Plant clearly audible. Insect noise. Traffic noise (Princes Hwy).	
5	7/03/2024	15 min	43	42	yes	Plant clearly audible. Insect noise. Traffic noise. Nearby (bakery) mechanical plant. Pneumatic valve noise (LA1,1min)	
6	7/03/2024	15 min	36	42	no	Plant clearly audible. Insect noise Traffic noise. Pneumatic valve noise (LA1,1min)	
7	7/03/2024	15 min	38	40	no	Plant clearly audible. Insect noise Traffic noise. Pneumatic valve noise (LA1,1min)	

Date Obtained 3 September 2024

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	22/08/2024	15 min	-	38	yes	Location M1 downwind of site under meteorological conditions where EPL noise limits do not apply	The noise measurements were all conducted during periods of clear skies. The weather conditions were (18-14 C). A Westerly wind of 2-3m/s was consistent across the measurement period. Low frequency noise penalty of +2dBA applied at locations 2 & 4.
2	22/08/2024	15 min	46	38	yes	Plant noise clearly audible, Traffic noise	
3	22/08/2024	15 min	37	38	no	Plant noise audible, Traffic noise, wind blown leaves	
4	22/08/2024	15 min	40	38	no	Plant noise audible, distant traffic noise	
5	22/08/2024	15 min	39	42	yes	Plant clearly audible, Traffic noise, nearby Bakery mechanical noise	
6	22/08/2024	15 min	36	42	no	Plant clearly audible, Traffic noise	
7	22/08/2024	15 min	35	40	no	Plant clearly audible, Traffic noise	

Date Obtained 26 February 2025

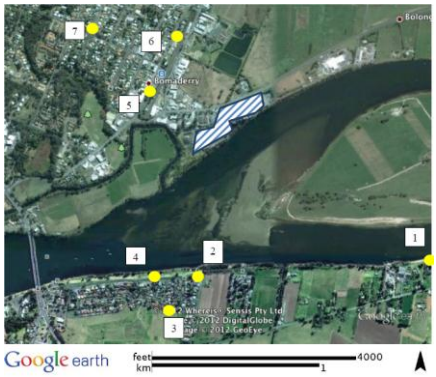
Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	20/01/2025	15 min	45	38	yes	Plant noise clearly audible, Insect noise	The noise measurements were all conducted during periods of clear skies and light winds. The weather conditions were (22-20 C). Calm to light winds were consistent across the measurement period.
2	20/01/2025	15 min	38	38	yes	Plant noise clearly audible, Insect noise	
3	20/01/2025	15 min	33	38	no	Plant noise clearly audible, Insect noise, Traffic noise	
4	20/01/2025	15 min	35	38	no	Plant noise clearly audible, Insect noise, Traffic noise	
5	20/01/2025	15 min	44	42	yes	Plant noise clearly audible, Insect noise, Traffic noise, nearby Bakery mechanical noise	
6	20/01/2025	15 min	45	42	no	Plant noise clearly audible, Insect noise, Traffic noise	
7	20/01/2025	15 min	45	40	no	Plant noise clearly audible, Insect noise, Traffic noise	

Date Obtained 15 August 2025

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	27/07/2025	15 min	53	38	yes	Plant noise clearly audible	The noise measurements were all conducted during periods of clear skies and light winds from the west. Calm to light winds were consistent across the measurement period. Low frequency noise penalty of +5dBA applied at locations 1 & 2. Low frequency noise penalty of +2dBA applied at locations 4,5 & 6.
2	27/07/2025	15 min	48	38	yes	Plant noise clearly audible, some traffic noise	
3	27/07/2025	15 min	40	38	yes	Plant noise clearly audible, Traffic noise (Princes Hwy)	
4	27/07/2025	15 min	44	38	yes	Plant noise clearly audible, nearby (baker) mechanical plant, Traffic noise (Princes Hwy & Railway St)	
5	27/07/2025	15 min	46	42	yes	Plant noise clearly audible, Insect noise, Traffic noise, nearby Bakery mechanical noise	
6	27/07/2025	15 min	44	42	yes	Plant noise clearly audible, Traffic noise (Princes Hwy)	
7	27/07/2025	15 min	37	40	no	Plant noise clearly audible, Insect noise,Traffic noise (Princes Hwy)	

Date Obtained 30 March 2026

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	5/03/2026	15 min	45	38	yes	Plant noise clearly audible	The noise measurements were all conducted during periods of clear skies and light winds which blew fro the NE at the beginning and switched to SW midway through monitoring. Low frequency noise penalty of +5dBA applied at locations 2, 4 & 5. Low frequency noise penalty of +2dBA applied at locations 1,3,6 & 7.
2	5/03/2026	15 min	46	38	yes	Plant noise clearly audible, some traffic noise	
3	5/03/2026	15 min	39	38	yes	Plant noise audible, Traffic noise (Princes Hwy)	
4	5/03/2026	15 min	49	38	yes	Plant noise clearly audible, Traffic noise (Princes Hwy)	
5	5/03/2026	15 min	50	42	yes	Plant noise clearly audible, nearby (baker) mechanical plant, Traffic noise (Princes Hwy & Railway St)	
6	5/03/2026	15 min	47	42	yes	Plant noise clearly audible, Traffic noise (Princes Hwy)	
7	5/03/2026	15 min	44	40	no	Plant noise clearly audible, Insect noise,Traffic noise (Princes Hwy)	

Date Obtained 7 October 2026

Location	Date	Measurement Period	Measured levels dB(A) LA_{eq}	100 percentile limit	Exceedance (yes/no)	Observations	Comments
1	17/09/2026	15 min	47	38	yes	Plant noise clearly audible, distant traffic noise, occasional noise from insects and birds	The noise measurements were all conducted during periods of clear skies and calm still conditions. Low frequency noise penalty of +5dBA applied at location 4. Low frequency noise penalty of +2dBA applied at location 3
2	17/09/2026	15 min	48	38	yes	Plant noise clearly audible, distant traffic noise, occasional noise from insects and birds	
3	17/09/2026	15 min	39	38	yes	Plant noise audible but masked by traffic noise from highway, occasional noise from insects and birds	
4	17/09/2026	15 min	44	38	yes	Plant noise clearly audible, distant traffic noise, occasional noise from insects and birds	
5	17/09/2026	15 min	47	42	yes	Plant noise clearly audible, distant traffic noise, general urban noise from Bomaderry, occasional noise from insects and birds	
6	17/09/2026	15 min	46	42	yes	Plant noise clearly audible, distant traffic noise, general urban noise from Bomaderry, occasional noise from insects and birds	
7	17/09/2026	15 min	49	40	yes	Plant noise clearly audible, distant traffic noise, general urban noise from Bomaderry, occasional noise from insects and birds