

## June 2019 - Dust Monitoring Register



Licensee: Laing O'Rourke Australia Construction Pty Ltd  
 Premises: Woolgoolga to Ballina Pacific Highway Upgrade Project, Harwood NSW 2465  
 Licence No: 20713

Air Monitoring for Solid Particles is conducted monthly - Units of measure: g/m2/month													
Contractor	Location	Exposure Period - Date on / Date off (DD/MM/YY)	Sample Gauge Number	Sample Name	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month) <4	Laboratory Results			
										Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG2	2926/1	org. matter	31	0.5	<4	0.6	0.2	0.4	0.4	1.0
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG3	2926/2	yellow, org. matter	31	0.3	<4	1.8	0.5	1.4	0.3	2.1
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG4	2926/3	org. matter	31	0.5	<4	0.6	0.2	0.3	0.5	1.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG5	2926/4	yellow, org. matter	31	0.4	<4	1.2	0.3	0.9	0.4	1.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG6	2926/5	yellow, org. matter	31	0.5	<4	0.5	0.2	0.2	0.4	0.9
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG7	2926/6	cloudy, org. matter	31	0.6	<4	2.6	0.7	1.9	6.1	8.7
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG8	2926/7	org. matter	31	0.3	<4	0.7	0.1	0.6	0.3	0.9
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG9	2926/8	org. matter	31	0.6	<4	0.9	0.1	0.7	0.4	1.3
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG10	2926/9	org. matter	31	0.6	<4	0.8	0.2	0.5	0.3	1.0
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG11	2926/10	org. matter	31	0.7	<4	0.4	0.1	0.3	0.3	0.7
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG12	2926/11	org. matter	31	0.1	<4	0.2	0.0	0.2	0.0	0.2
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG13	2926/12	yellow, org. matter	31	0.3	<4	1.1	0.4	0.7	0.4	1.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG14	2926/13	org. matter	31	0.5	<4	0.5	0.2	0.3	0.2	0.7
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG15	2926/14	org. matter	31	0.3	<4	0.4	0.1	0.3	0.0	0.4
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG16	2926/15	org. matter	31	0.3	<4	0.5	0.1	0.4	0.1	0.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG17	2926/16	yellow, org. matter	31	0.3	<4	0.9	0.3	0.6	0.0	0.9
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG18	2926/17	cloudy, org. matter	31	0.4	<4	0.7	0.3	0.4	1.4	2.2
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG19	2926/18	org. matter	31	0.1	<4	0.6	0.3	0.3	0.0	0.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG20	2926/19	org. matter	31	0.5	<4	0.5	0.1	0.5	0.4	1.0
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG21	2926/20	dry, 0.2L milli Q added	31	0.2	<4	0.4	0.1	0.2	0.0	0.4
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG22	2926/21	org. matter	31	0.4	<4	0.4	0.1	0.3	0.1	0.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG23	2926/22	org. matter	31	0.5	<4	0.5	0.1	0.4	0.0	0.5
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG24	2926/23	org. matter	31	0.2	<4	0.6	0.3	0.3	0.0	0.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG25	2926/24	yellow, org. matter	31	0.2	<4	0.7	0.2	0.5	0.1	0.9
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG26	2926/25	org. matter	31	0.3	<4	0.4	0.2	0.2	0.0	0.4
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG27	2926/26	org. matter	31	0.3	<4	0.4	0.2	0.2	0.0	0.4
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG28	2926/27	org. matter	31	0.3	<4	0.7	0.5	0.2	0.0	0.7
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG29	2926/28	cloudy, org. matter	31	0.4	<4	1.0	0.4	0.6	0.8	1.9
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG30	2926/29	brown, org. matter	31	0.1	<4	1.6	0.8	0.7	0.0	1.6
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG31	2926/30	org. matter	31	0.5	<4	0.3	0.2	0.2	0.0	0.3
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG32	2926/31	org. matter	31	0.3	<4	0.4	0.2	0.2	0.1	0.5
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG33	2926/32	cloudy, org. matter	31	0.8	<4	4.0	1.6	2.4	2.3	6.3
SWC	Portion A S3	18/04/2019 - 17/05/2019	DDG34	2926/33	org. matter	31	0.6	<4	0.3	0.2	0.2	0.3	0.6
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG02	Tyndale	cloudy, org. matter	31	0.450	<4	0.96	0.6	0.4	0.0	1.0
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG03	Maloneys	brown, org. matter	31	0.350	<4	7.54	1.7	5.9	12.0	19.6
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG04	Byrons Lane	org. matter	31	0.400	<4	0.47	0.4	0.1	0.2	0.7
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG05	Shark Creek	cloudy, org. matter	31	0.600	<4	2.50	1.4	1.1	1.1	3.6
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG07	Clyde Essex Drive	yellow, org. matter	31	0.700	<4	2.15	0.5	1.7	11.7	13.8
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG1A	Schwonberg St	org. matter	31	0.590	<4	0.25	0.1	0.1	0.4	0.6
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG08	Causleys	brown, org. matter	31	0.800	<4	4.38	0.7	3.7	1.8	6.1
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG09	BP Lane	org. matter	31	0.700	<4	0.99	0.7	0.3	0.4	1.4
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG10	Visitor Info Centre	org. matter	31	0.620	<4	0.53	0.0	0.5	0.3	0.9
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG11	Motel	cloudy, org. matter	31	1.000	<4	2.57	1.3	1.3	1.5	4.1
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG12	M1 Norley - Byron	org. matter	31	0.520	<4	0.34	0.2	0.2	0.4	0.7
BGC	Portion A S4	21/05/2019 - 21/06/2019	DG13	Tyndale	cloudy, org. matter	31	0.450	<4	1.54	0.7	0.9	0.7	2.3
Pacific Complete	Portion B S5	N/A	DDG 5-02	Highland Ridge, Maclean	N/A - gauge has been vandalised removed from location. Pacific Complete to select a more suitable location.			<4					
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-03	Farlows Lane, Maclean	org. matter	32	0.470	<4	0.39	0.2	0.2	0.3	0.7
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-04	Fill 5.1 East, FarlowsFlat	org. matter	32	0.400	<4	0.37	0.1	0.3	0.2	0.6
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-05	Fill 5.4 East, Yamba Interchange	dry, 0.2L milli Q added	32	0.200	<4	0.68	0.3	0.4	0.0	0.6
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-06	Watts Lane	org. matter	32	0.270	<4	1.83	1.4	0.4	0.2	2.0
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-08	Serpentine Channel North	org. matter	32	0.500	<4	0.68	0.2	0.5	0.4	1.1
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-09	Chatsworth South East	org. matter	32	0.400	<4	0.45	0.1	0.3	0.3	0.7

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										Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-10	Chatsworth Village	org. matter	32	0.460	<4	0.73	0.3	0.4	0.0	0.7
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-11	Fischers Lane - Control Gauge	cloudy, org. matter	32	0.470	<4	1.16	0.5	0.7	0.9	2.1
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-12	Fischers Lane	cloudy, org. matter	32	0.400	<4	1.08	0.4	0.7	0.7	1.7
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-13	Mororo Bridge South West	org. matter	32	0.410	<4	0.77	0.3	0.4	0.8	1.5
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-14	Garretts Lane West	org. matter	32	0.530	<4	0.51	0.1	0.4	0.7	1.2
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-15	Garretts Lane North	org. matter	32	0.240	<4	0.59	0.3	0.3	0.1	0.7
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-16	Iluka Road Compound	org. matter	32	0.450	<4	0.45	0.2	0.2	0.0	0.5
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-17	Woombah Woods Caravan Park	org. matter	32	0.570	<4	0.70	0.3	0.4	0.5	1.2
Pacific Complete	Portion B S5	17/05/2019 - 18/06/2019	DDG 5-18	Castles Stockpile Area	brown, org. matter	32	0.500	<4	4.56	1.0	3.6	1.2	5.8
Golding	Portion B S5	22/4/2019 - 22/05/2019	DDG5-07	Palm Lane 1	Cloudy, org. matter	31	0.250	<4	0.60	0.3	0.3	0.0	0.6
BMD	Portion C S6	18/04/2019-22/05/2019	DDG15	Ellem Property	Cloudy, org. matter	34	1.000	<4	1.60	0.9	0.7	1.9	3.5
BMD	Portion C S6	18/04/2019-22/05/2019	DDG16	McLaren Property	org. matter	34	1.115	<4	0.40	0.3	0.1	1.1	1.5
BMD	Portion C S6	18/04/2019-22/05/2019	DDG17	De-Winton Property / Control	org. matter	34	1.620	<4	0.20	0.1	0.0	0.1	0.3
BMD	Portion C S6	18/04/2019-22/05/2019	DDG18	Jacky Bulbin Road	Cloudy, org. matter	34	1.380	<4	1.60	0.7	0.6	2.0	3.6
BMD	Portion C S6	18/04/2019-22/05/2019	DDG19	Rainbow	org. matter	34	1.000	<4	0.60	0.3	0.3	1.0	1.6
BMD	Portion C S6	18/04/2019-22/05/2019	DDG20	Devils Pulpit	org. matter	34	0.630	<4	0.50	0.3	0.2	1.0	1.4
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 7	l2030/1 / Control	org. matter	29	0.580	<4	0.29				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 7-1	l2030/2	org. matter	29	0.710	<4	0.23				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 7-2	l2030/3	org. matter	29	0.520	<4	1.03				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 7-3	l2030/4	org. matter, insects	29	0.480	<4	0.60				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 8-1	l2030/5	org. matter	29	0.740	<4	0.74				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 8-2	l2030/6	org. matter	29	0.660	<4	0.73				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 8-4	l2030/7	org. matter	29	0.690	<4	0.43				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 8-5	l2030/8	org. matter	29	0.740	<4	0.73				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 9-2	l2030/9	org. matter	29	0.790	<4	0.69				
CPB	Portion C S7 8 & 9	24/4/2019 - 23/5/2019	DDG 9-3	l2030/10	org. matter	29	0.780	<4	0.42				
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-03	1	org. matter	32	0.980	<4	0.14	0.1	0.0	1.3	1.4
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-04	2	org. matter	32	1.100	<4	0.14	0.1	0.0	1.2	1.3
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-05	3	org. matter	32	1.230	<4	1.17	0.9	0.3	1.2	2.4
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-06	4	org. matter	32	1.200	<4	0.78	0.4	0.3	1.1	1.9
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-07	5	brown/org. matter	32	1.100	<4	2.51	1.1	1.5	3.8	6.3
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-08	6	org. matter	32	1.490	<4	0.40	0.1	0.3	1.4	1.8
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-09	7	brown/org. matter	32	1.420	<4	9.49	2.9	6.6	28.8	38.3
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-10	8	org. matter	32	1.800	<4	0.34	0.2	0.2	1.6	2.0
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-11	9	org. matter	32	1.640	<4	1.18	0.9	0.3	1.8	2.9
LendLease	Portion D S10	18/04/2019-22/05/2019	DDG 10-12	10	org. matter	32	1.850	<4	0.47	0.2	0.3	1.6	2.0
Quickway	Portion D S10	17/05/2019 - 18/06/2019	DDG 10-13	l2969/1		32	1.690	<4	2.54	1.6	0.9	1.4	3.9
Quickway	Portion D S10	17/05/2019 - 18/06/2019	DDG -10-14	l2969/2		32	2.100	<4	0.74	0.2	0.5	1.4	2.2
Quickway	Portion D S10	17/05/2019 - 18/06/2019	DDG -10-15	l2969/3		32	2.320	<4	0.66	0.1	0.6	1.6	2.2
Quickway	Portion D S10	17/05/2019 - 18/06/2019	DDG -10-16	l2969/4		32	2.190	<4	0.86	0.4	0.4	1.4	2.3
LendLease	Portion S11	18/04/2019-22/05/2019	DDG 11-01	11	cloudy/org. matter	32	1.580	<4	2.26	1.0	1.3	6.2	8.4
LendLease	Portion S11	18/04/2019-22/05/2019	DDG 11-02	12	org. matter	32	1.380	<4	1.39	1.3	0.1	1.5	2.9
LendLease	Portion S11	18/04/2019-22/05/2019	DDG 11-03	13	org. matter	32	1.550	<4	0.46	0.4	0.0	1.7	2.2
LendLease	Portion S11	18/04/2019-22/05/2019	DDG 11-04	14 / Control	cloudy/org. matter	32	1.400	<4	1.36	0.7	0.6	2.5	3.9
LendLease	Portion F RRB	18/04/2019 - 22/05/2019	DDG 10 - 02	RRB - S; DDG 10 - 02	org. matter	32	0.750	<4	0.40	0.2	0.2	1.4	1.8
LendLease	Portion F RRB	18/04/2019 - 22/05/2019	DDG 10 - 03	RRB - N; DDG 10 - 03	org. matter	32	0.980	<4	0.10	0.1	0.0	1.3	1.4
LendLease	Portion F RRB	18/04/2019 - 22/05/2019	DDG 10 - 01	RRB - C; DDG 10 - 01	cloudy/org. matter	32	0.760	<4	0.80	0.3	0.5	2.0	2.8
Georgiou	Portion G P2T3	6/05/2019 - 8/06/2019	DDG 11 - 05	DDG 11 - 05 - Control	org. matter	31	1.150	<4	0.40	0.0	0.4	1.2	1.6
Georgiou	Portion G P2T3	6/05/2019 - 8/06/2019	DDG 11 - 06	DDG 11 - 06 - Sth	org. matter	31	1.000	<4	0.50	0.1	0.4	0.8	1.3
Georgiou	Portion G P2T3	6/05/2019 - 8/06/2019	DDG 11 - 07	DDG 11 - 07 - Nth	org. matter	31	0.940	<4	0.40	0.0	0.3	1.0	1.4