

September 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)	Laboratory Results					
								Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month) <4	Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
SWC	A S3	16/08/19 - 13/09/19	DDG2	IS951/1	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.10	0.08	0.02	0.00	0.10
SWC	A S3	16/08/19 - 13/09/19	DDG3	IS951/2	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.41	0.35	0.06	0.00	0.40
SWC	A S3	16/08/19 - 13/09/19	DDG4	IS951/3	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.20	0.16	0.04	0.02	0.22
SWC	A S3	16/08/19 - 13/09/19	DDG5	IS951/4	0.2L Milli Q added, large org. matter	28	0.200	≤ 4	0.52	0.26	0.26	0.00	0.52
SWC	A S3	16/08/19 - 13/09/19	DDG6	IS951/5	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.28	0.18	0.10	0.00	0.28
SWC	A S3	16/08/19 - 13/09/19	DDG7	IS951/6	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.30	0.10	0.20	0.00	0.30
SWC	A S3	16/08/19 - 13/09/19	DDG8	IS951/7	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.30	0.24	0.06	-0.02	0.29
SWC	A S3	16/08/19 - 13/09/19	DDG9	IS951/8	0.2L Milli Q added, large org. matter	28	0.200	≤ 4	0.51	0.33	0.18	0.54	1.05
SWC	A S3	16/08/19 - 13/09/19	DDG10	IS951/9	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.61	0.48	0.13	0.00	0.61
SWC	A S3	16/08/19 - 13/09/19	DDG11	IS951/10	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.36	0.27	0.09	0.09	0.45
SWC	A S3	16/08/19 - 13/09/19	DDG12	IS951/11	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.34	0.25	0.09	0.00	0.34
SWC	A S3	16/08/19 - 13/09/19	DDG13	IS951/12	0.2L Milli Q added, fine org. matter, fly	28	0.200	≤ 4	0.38	0.21	0.17	0.38	0.76
SWC	A S3	16/08/19 - 13/09/19	DDG14	IS951/13	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.64	0.41	0.24	0.00	0.64
SWC	A S3	16/08/19 - 13/09/19	DDG15	IS951/14	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.73	0.45	0.28	0.00	0.73
SWC	A S3	16/08/19 - 13/09/19	DDG16	IS951/15	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.73	0.50	0.24	0.00	0.73
SWC	A S3	16/08/19 - 13/09/19	DDG17	IS951/16	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.84	0.59	0.25	0.00	0.84
SWC	A S3	16/08/19 - 13/09/19	DDG18	IS951/17	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	1.01	0.78	0.23	0.00	1.01
SWC	A S3	16/08/19 - 13/09/19	DDG19	IS951/18	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	1.16	0.93	0.23	-0.02	1.13
SWC	A S3	16/08/19 - 13/09/19	DDG20	IS951/19	0.2L Milli Q added, fine org. matter, brown	28	0.210	≤ 4	0.88	0.44	0.44	0.09	0.97
SWC	A S3	16/08/19 - 13/09/19	DDG21	IS951/20	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.57	0.41	0.16	0.00	0.57
SWC	A S3	16/08/19 - 13/09/19	DDG22	IS951/21	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.78	0.64	0.15	-0.01	0.77
SWC	A S3	16/08/19 - 13/09/19	DDG23	IS951/22	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	2.44	0.87	1.58	1.35	3.79
SWC	A S3	16/08/19 - 13/09/19	DDG24	IS951/23	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.43	0.31	0.12	0.01	0.44
SWC	A S3	16/08/19 - 13/09/19	DDG25	IS951/24	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.53	0.32	0.21	0.00	0.53
SWC	A S3	16/08/19 - 13/09/19	DDG26	IS951/25	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.75	0.52	0.23	0.00	0.75
SWC	A S3	16/08/19 - 13/09/19	DDG27	IS951/26	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.32	0.26	0.06	0.00	0.32
SWC	A S3	16/08/19 - 13/09/19	DDG28	IS951/27	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.98	0.83	0.15	0.00	0.98
SWC	A S3	16/08/19 - 13/09/19	DDG29	IS951/28	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.61	0.35	0.26	0.04	0.65
SWC	A S3	16/08/19 - 13/09/19	DDG30	IS951/29	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	1.10	0.78	0.32	0.06	1.15
SWC	A S3	16/08/19 - 13/09/19	DDG31	IS951/30	0.2L Milli Q added, fine org. matter	28	0.210	≤ 4	0.65	0.49	0.16	0.00	0.65
SWC	A S3	16/08/19 - 13/09/19	DDG32	IS951/31	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.59	0.42	0.17	0.00	0.59
SWC	A S3	16/08/19 - 13/09/19	DDG33	IS951/32	0.2L Milli Q added, fine org. matter	28	0.200	≤ 4	0.33	0.20	0.13	0.00	0.33
SWC	A S3	16/08/19 - 13/09/19	DDG34	IS951/33	0.2L Milli Q added, fine org. matter, ants	28	0.200	≤ 4	0.52	0.33	0.19	0.57	1.09
BGC	A S4	20/08/2019 - 20/09/2019	DG02	Tyndale	yellow, cloudy, fine org. matter	31	0.350	≤ 4	2.40	1.50	0.90	1.30	3.70
BGC	A S4	20/08/2019 - 20/09/2019	DG03	Maloneys	brown, fine org. matter	31	0.400	≤ 4	8.00	2.30	5.70	15.00	23.00
BGC	A S4	20/08/2019 - 20/09/2019	DG04	Byrons Lane	fine org. matter	31	0.250	≤ 4	1.50	1.00	0.50	0.20	1.70
BGC	A S4	20/08/2019 - 20/09/2019	DG05	Shark Creek	fine org. matter	31	0.400	≤ 4	1.50	0.90	0.60	1.70	3.20
BGC	A S4	20/08/2019 - 20/09/2019	DG07	Clyde Essex Drive	brown, fine org. matter	31	0.370	≤ 4	8.00	1.80	6.20	12.40	20.50
BGC	A S4	20/08/2019 - 20/09/2019	DG1A	Schwonberg St	fine org. matter	31	0.400	≤ 4	1.30	0.70	0.60	0.50	1.80
BGC	A S4	20/08/2019 - 20/09/2019	DG08	Causleys	brown, cloudy, fine org. matter	31	0.350	≤ 4	0.90	0.40	0.50	2.50	3.40
BGC	A S4	20/08/2019 - 20/09/2019	DG09	BP Lane	yellow, fine org. matter	31	0.400	≤ 4	3.90	2.10	1.80	0.70	4.60
BGC	A S4	20/08/2019 - 20/09/2019	DG10	Visitor Info Centre	fine org. matter	31	0.400	≤ 4	1.20	0.80	0.40	0.30	1.50
BGC	A S4	20/08/2019 - 20/09/2019	DG11	Motel	fine org. matter	31	0.350	≤ 4	1.00	0.60	0.40	0.10	1.10
BGC	A S4	20/08/2019 - 20/09/2019	DG12	M1 Norley - Byron	fine org. matter	31	0.400	≤ 4	1.50	0.50	1.00	0.50	2.00
BGC	A S4	20/08/2019 - 20/09/2019	DG13	Tyndale	fine org. matter	31	0.350	≤ 4	1.90	1.00	0.90	0.50	2.40

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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 Section 5	14/08/2019 - 13/09/2019	DDG 5-03	Farlows Lane, Maclean	0.2L millil Q added, fine org. matter	30	0.250	≤ 4	0.36	0.31	0.05	0.28	0.64
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-04	Fill 5.1 East, FarlowsFlat	fine org. matter	30	0.120	≤ 4	0.37	0.29	0.08	0.00	0.37
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-05	Fill 5.4 East, Yamba Interchange	fine org. matter	30	0.300	≤ 4	0.82	0.71	0.11	2.10	2.92
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-06	Watts Lane	brown, moth, fine org. matter	30	0.350	≤ 4	17.49	15.75	1.74	0.64	18.13
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-08	Serpentine Channel North	fine org. matter	30	0.550	≤ 4	1.60	1.29	0.31	0.65	2.25
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-09	Chatsworth South East	brown, cloudy, fine org. matter	30	0.500	≤ 4	2.21	1.10	1.10	1.00	3.20
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-10	Chatsworth Village	spider, fine org. matter	30	0.400	≤ 4	0.89	0.71	0.18	0.19	1.08
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-11	Fischers Lane - Control Gauge	ants, fine org. matter	30	0.450	≤ 4	1.41	1.16	0.25	0.50	1.91
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-12	Fischers Lane	spider, fine org. matter	30	0.400	≤ 4	0.36	0.29	0.07	0.01	0.38
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-13	Mororo Bridge South West	cloudy, fine org. matter	30	0.350	≤ 4	2.52	1.79	0.72	1.12	3.64
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-14	Garretts Lane West	worm, fine org. matter	30	0.500	≤ 4	0.71	0.65	0.06	0.51	1.21
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-15	Garretts Lane North	fine org. matter	30	0.090	≤ 4	0.45	0.35	0.10	0.00	0.45
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-16	Iluka Road Compound	fine org. matter	30	0.350	≤ 4	1.17	0.95	0.22	0.30	1.47
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DDG 5-17	Woombah Woods Caravan Park	fine org. matter	30	0.100	≤ 4	0.94	0.67	0.27	-0.02	0.92
Pacific Complete	Portion B Section 5	14/08/2019 - 13/09/2019	DE52-E66DG 5-	Castles Stockpile Area	fine org. matter	30	0.190	≤ 4	0.95	0.81	0.14	0.08	1.03
Golding	Portion B Section 5	22/08/2019 - 22/9/2019	DDG5-07		reporting October			≤ 4					
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG15	Ellem Property	brown, cloudy, large org. matter	30	0.300	≤ 4	2.40	1.10	1.30	4.40	6.70
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG16	McLaren Property	large org. matter	30	0.330	≤ 4	1.90	1.50	0.30	0.20	2.10
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG17 Control	De-Winton Property	large org. matter	30	0.560	≤ 4	0.40	0.20	0.20	0.30	0.80
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG18	Jacky Bulbin Road	cloudy, fine org. matter	30	0.460	≤ 4	1.10	0.40	0.70	0.60	1.70
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG19	Rainbow	brown, cloudy, large org. matter	30	0.220	≤ 4	2.20	1.00	1.20	0.20	2.40
BMD	Portion C Section 6	22/07/2019-21/08/2019	DDG20	Devils Pulpit	large org. matter	30	0.310	≤ 4	1.10	0.70	0.40	0.30	1.40
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 7 Control	6235/1	..	35	0.450	≤ 4	1.09				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 7-1	6235/2	..	35	0.400	≤ 4	1.13				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 7-2	6235/3	..	35	0.300	≤ 4	3.49				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 7-3	6235/4	..	35	0.300	≤ 4	0.41				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-1	6235/5	..	35	0.500	≤ 4	0.90				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-2	6235/6	..	35	0.050	≤ 4	0.85				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-4	6235/7	..	35	0.110	≤ 4	2.46				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-5	6235/8	..	35	0.130	≤ 4	1.08				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-2	6235/9	..	35	0.150	≤ 4	1.74				
CPB	Portion C S 7, 8 & 9	21/08/2019-25/09/2019	DDG 8-3	6235/10	..	35	0.110	≤ 4	0.81				
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-03	1	fine org. matter	33	0.550	≤ 4	0.36	0.14	0.22	0.00	0.36
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-04	2	fine org. matter	33	0.540	≤ 4	0.27	0.14	0.13	0.21	0.49
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-05	3	fine org. matter	33	0.400	≤ 4	0.86	0.69	0.17	0.21	1.07
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-06	4	yellow, fine org. matter	33	0.490	≤ 4	0.37	0.21	0.16	0.24	0.60
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-07	5	fine org. matter	33	0.500	≤ 4	0.55	0.39	0.16	0.25	0.80
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-08	6	cloudy large org. matter	33	0.550	≤ 4	1.11	0.21	0.91	0.66	1.78
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-09	7	fine org. matter	33	0.550	≤ 4	0.98	0.74	0.33	0.33	1.31
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-10	8	large org. matter	33	0.550	≤ 4	0.22	0.14	0.08	0.27	0.49
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-11	9	brown, cloudy, fine org. matter	33	0.650	≤ 4	8.15	7.02	1.12	0.50	8.64
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 10-12	10	fine org. matter	33	0.620	≤ 4	1.12	0.81	0.31	0.28	1.41
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 11-01	11	cloudy large org. matter	33	0.640	≤ 4	1.04	0.41	0.31	0.85	1.89
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 11-02	12	cloudy large org. matter, insects	33	0.610	≤ 4	1.40	0.88	0.52	0.62	2.02
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 11-03	13	yellow, fine org. matter	33	0.820	≤ 4	0.89	0.54	0.35	0.76	1.65
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG 11-04 (Con	14	large org. matter	33	0.800	≤ 4	0.59	0.27	0.33	0.67	1.26
Quickway	Portion D Bridges	14/08/2019 - 13/09/2019	DDG10-13	5863/1	ants, fine org. matter	30	0.880	≤ 4	1.47	0.85	0.62	0.99	2.46

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Quickway	Portion D Bridges	14/08/2019 - 13/09/2019	DDG10-14	5863/2	ants, fine org. matter	30	0.220	≤ 4	0.76	0.63	0.14	0.36	1.12
Quickway	Portion D Bridges	14/08/2019 - 13/09/2019	DDG10-15	5863/3	fine org. matter	30	0.550	≤ 4	0.31	0.30	0.02	0.88	1.19
Quickway	Portion D Bridges	14/08/2019 - 13/09/2019	DDG10-16	5863/4	fine org. matter	30	0.350	≤ 4	0.67	0.60	0.07	0.43	1.10
LendLease	Portion F RRB	19/07/2019 - 21/08/2019	DDG 10 - 02	RRB S		33	0.550	≤ 4	0.98	0.47	0.51	0.36	1.34
LendLease	Portion F RRB	19/07/2019 - 21/08/2019	DDG 10 - 03	RRB N		33	0.550	≤ 4	0.36	0.14	0.22	0.00	0.36
LendLease	Portion F RRB	19/07/2019 - 21/08/2019	DDG 10 - 01	RRB C		33	0.630	≤ 4	0.29	0.13	0.16	0.37	0.66