

November 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)
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG2	#076/1	spider, 0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.35	0.23	0.11	0.00	0.35
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG3	#076/2	beetles, 0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.64	0.37	0.27	0.00	0.64
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG4	#076/3	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.35	0.25	0.10	0.00	0.35
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG5	#076/4	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.65	0.43	0.22	0.00	0.65
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG6	#076/5	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.57	0.34	0.23	0.00	0.57
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG7	#076/6	beetles, 0.2L milli Q added, fine org. matter	30	0.200	≤ 4	1.05	0.59	0.45	0.00	1.05
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG8	#076/7	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.88	0.70	0.19	0.00	0.88
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG9	#076/8	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.87	0.57	0.30	0.00	0.87
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG10	#076/9	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.65	0.43	0.22	0.00	0.65
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG11	#076/10	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.57	0.39	0.18	0.00	0.57
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG12	#076/11	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.50	0.40	0.11	0.00	0.50
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG13	#076/12	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.41	0.23	0.18	0.00	0.41
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG14	#076/13	beetles, 0.2L milli Q added, fine org. matter	30	0.200	≤ 4	1.08	0.81	0.27	0.00	1.08
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG15	#076/14	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	1.40	0.74	0.66	0.00	1.40
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG16	#076/15	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.61	0.42	0.19	0.00	0.61
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG17	#076/16	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.92	0.64	0.28	0.00	0.92
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG18	#076/17	brown, cloudy, fine org. matter	30	0.100	≤ 4	2.50	1.45	1.06	0.53	3.05
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG19	#076/18	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.83	0.54	0.29	0.00	0.83
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG20	#076/19	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.32	0.21	0.11	0.00	0.32
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG21	#076/20	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.97	0.73	0.24	0.00	0.97
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG23	#076/21	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.98	0.65	0.33	0.00	0.98
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG24	#076/22	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.70	0.52	0.18	0.00	0.70
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG25	#076/23	brown, cloudy, fine org. matter	30	0.050	≤ 4	1.29	0.51	0.78	0.00	1.29
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG26	#076/24	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.91	0.63	0.28	0.00	0.91
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG27	#076/25	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.45	0.32	0.14	0.00	0.45
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG28	#076/26	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	2.68	2.16	0.51	0.00	2.68
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG29	#076/27	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.35	0.23	0.11	0.00	0.35
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG30	#076/28	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.83	0.58	0.25	0.00	0.83
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG31	#076/29	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.53	0.38	0.14	0.00	0.53
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG32	#076/30	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	1.17	0.83	0.33	0.00	1.17
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG33	#076/31	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	0.89	0.56	0.33	0.00	0.89
Seymour Whyte	Portion A Section 3	14/10/2019 - 14/11/2019	DDG34	#076/32	0.2L milli Q added, fine org. matter	30	0.200	≤ 4	1.21	0.85	0.36	0.00	1.21
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG02	Tyndale	Fine Org. Matter	30	0.060	≤ 4	0.78	0.67	0.11	0.00	0.78
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG03	Maloneys	Fine Org. Matter	30	0.200	≤ 4	0.77	0.47	0.30	0.00	0.77
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG04	Byrons Lane	Fine Org. Matter, Cloudy, Brown	30	0.050	≤ 4	0.76	0.56	0.20	1.96	2.73
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG05	Shark Creek	Fine Org. Matter, Cloudy, Brown, Spider Web	30	0.050	≤ 4	2.18	1.73	0.45	1.13	3.31
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG07	Clyde Essex Drive	Fine Org. Matter, Cloudy, Brown	30	0.050	≤ 4	4.00	1.10	2.90	13.13	17.13
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG1A	Schwonbera St	Fine Org. Matter	30	0.060	≤ 4	0.59	0.46	0.13	0.00	0.59
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG08	Causleys	Fine Org. Matter, Cloudy, Yellow	30	0.080	≤ 4	2.66	1.50	1.16	2.43	5.08
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG09	BP Lane	Fine Org. Matter	30	0.100	≤ 4	1.04	0.81	0.23	0.10	1.14
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG10	Visitor Info Centre	Dust sample missing - removed from sampling location by unknown party, refer to DG10 Photo 1.			≤ 4					
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG11	Motel	Fine Org. Matter	30	0.070	≤ 4	0.42	0.40	0.02	0.01	0.43
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG12	M1 Norley - Byron	Fine Org. Matter	30	0.200	≤ 4	0.62	0.57	0.05	0.16	0.78
BGC	Portion A Section 4	21/10/2019 - 20/11/2019	DG13	Tyndale	Fine Org. Matter	30	0.050	≤ 4	0.86	0.62	0.24	0.60	1.46
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-03	Farlows Lane, Maclean	fly, fine org. matter	31	0.200	≤ 4	0.92	0.64	0.28	0.08	1.00

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 g/m2/month	Laboratory Results			
										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	11/10/2019 - 11/11/2019	DDG 5-04	Fill 5.1 East, FarlowsFlat	spider+web, fine org. matter	31	0.200	≤ 4	0.91	0.60	0.32	0.03	0.94
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-05	Fill 5.4 East, Yamba Interchange	beetle, cloudy, fine org. matter	31	0.100	≤ 4	1.27	0.78	0.48	0.73	2.00
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-06	Watts Lane	beetle, black, cloudy, fine org. m	31	0.150	≤ 4	3.55	2.93	0.62	0.42	3.97
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-08	Serpentine Channel North	beetle, cloudy, fine org. matter	31	0.150	≤ 4	1.67	1.27	0.41	0.72	2.39
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-09	Chatsworth South East	beetle, brown, cloudy, fine org. m	31	0.150	≤ 4	1.94	0.92	1.02	2.45	4.39
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-10	Chatsworth Village	bugs, cloudy, fine org. matter	31	0.200	≤ 4	0.92	0.52	0.40	1.39	2.31
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-11	Fischers Lane - Control Gauge	beetle, brown, cloudy, fine org. m	31	0.150	≤ 4	2.08	1.54	0.54	0.17	2.26
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-12	Fischers Lane	beetle, black, cloudy, fine org. m	31	0.200	≤ 4	4.26	3.35	0.91	0.33	4.59
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-13	Mororo Bridge South West	cloudy, fine org. matter	31	0.150	≤ 4	2.63	1.86	0.77	0.74	3.38
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-14	Garretts Lane West	spider, cloudy, fine org. matter	31	0.150	≤ 4	1.48	1.12	0.36	0.26	1.75
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-15	Garretts Lane North	cloudy, fine org. matter	31	0.200	≤ 4	0.94	0.41	0.54	2.40	3.35
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-16	Iluka Road Compound	fine org. matter	31	0.400	≤ 4	1.71	1.31	0.39	0.53	2.24
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-17	Woombah Woods Caravan Park	cloudy, fine org. matter	31	0.150	≤ 4	1.75	1.10	0.66	0.64	2.39
Pacific Complete	Portion B Section 5	11/10/2019 - 11/11/2019	DDG 5-18	Castles Stockpile Area	beetle, spider, cloudy, fine org. m	31	0.500	≤ 4	2.60	1.57	1.03	0.79	3.39
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG15	Ellem Property	brown, fine org. matter	31	0.350	≤ 4	2.50	1.10	1.40	3.70	6.10
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG16	McLaren Property	fine, org. matter	31	0.160	≤ 4	1.20	1.00	0.20	0.40	1.60
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG17 Control	De-Winton Property	fine, org. matter	31	0.370	≤ 4	0.80	0.60	1.20	2.10	3.80
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG18	Jacky Bulbin Road	brown, fine org. matter	31	0.230	≤ 4	2.90	1.80	1.20	0.80	3.80
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG19	Rainbow	brown, fine org. matter	31	0.180	≤ 4	1.30	1.00	0.20	0.20	1.50
BMD	Portion C Section 6	20/09/2019 - 21/10/2019	DDG20	Devils Pulpit	fine, org. matter	31	0.190	≤ 4	1.60	1.20	0.40	0.30	1.80
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 7 Control	#8028/1	Fine Org. Matter, Beetle	28	0.200	≤ 4	0.36				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 7-1	#8028/2	Fine Org. Matter, Cloudy	28	0.050	≤ 4	0.70				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 7-2	#8028/3	Fine Org. Matter	28	0.200	≤ 4	0.55				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 7-3	#8028/4	Fine Org. Matter	28	0.200	≤ 4	0.21				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 8-1	#8028/5	Fine Org. Matter, Fly	28	0.100	≤ 4	0.48				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 8-2	#8028/6	Fine Org. Matter	28	0.200	<4	0.25				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 8-4	#8028/7	Fine Org. Matter	28	0.200	≤ 4	0.07				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 8-5	#8028/8	Fine Org. Matter, Beetle	28	0.200	≤ 4	0.89				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 9-2	#8028/9	Fine Org. Matter	28	0.200	≤ 4	1.04				
CPB	Portion C S 7, 8 & 9	24/10/2019 - 19/11/2019	DDG 9-3	#8028/10	Fine Org. Matter	28	0.200	≤ 4	0.28				
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-03	1	Fine organic matter, cloudy, black	32	0.120	<4	3.3	1.4	1.9	0.8	4.1
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-04	2	FINE ORG MATTER, CLOUDY,ANTS	32	0.180	<4	1.5	0.9	0.6	0.7	2.2
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-05	3	FINE ORG MATTER	32	0.160	<4	1.2	0.9	0.3	0.2	1.4
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-06	4	FINE ORG MATTER	32	0.800	<4	1.2	0.9	0.3	0.4	1.6
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-07	5	FINE ORG MATTER, CLOUDY, SPIDER	32	0.800	<4	1.3	0.9	0.4	0.4	1.7

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										Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-08	6	FINE ORGANIC MATTER, CLOUDY, BLACK	32	0.200	<4	9.0	4.1	4.6	5.1	14.0
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-09	7	FINE ORGANIC MATTER, CLOUDY, BLACK	32	0.200	<4	4.5	2.2	2.3	6.2	10.7
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-10	8	FINE ORG MATTER	32	0.150	<4	1.4	1.1	0.3	0.3	1.7
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-11	9	FINE ORG MATTER	32	0.250	<4	1.0	0.5	0.2	0.2	1.2
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG10-12	10	FINE ORG MATTER	32	0.250	<4	1.5	1.1	0.4	0.3	1.8
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG11-01	11	FINE ORG MATTER, CLOUDY	32	0.300	<4	2.3	1.7	0.5	0.7	2.9
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG11-02	12	FINE ORG MATTER	32	0.230	<4	1.6	1.3	0.3	0.5	2.1
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG11-03	13	FINE ORG MATTER, CLOUDY, BEETLE	32	0.140	<4	2.6	2.2	0.6	1.0	3.8
LendLease	Portion D S10 & 11	20/10/2019 - 21/11/2019	DDG11-04	14	FINE ORG MATTER, CLOUDY, BLACK	32	0.130	<4	7.9	3.3	4.6	5.1	13.0
LendLease	Portion F RRB	20/10/2019 - 21/11/2019	DDG 10 - 01	1	FINE ORG MATTER, CLOUDY	32	0.160	<4	1.65	1.02	0.63	0.52	2.17
LendLease	Portion F RRB	20/10/2019 - 21/11/2019	DDG 10 - 02	2	FINE ORG MATTER, CLOUDY	32	0.140	<4	2.44	1.49	0.94	1.21	3.64
LendLease	Portion F RRB	20/10/2019 - 21/11/2019	DDG 10 - 03	3	FINE ORG MATTER, CLOUDY, BLACK	32	0.120	<4	3.29	1.44	1.65	0.63	4.11