

December 2018 - 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/m ² /month													
Contractor	Location	Exposure Period - Date on / Date off (DD/MM/YY)	Sample Number	Sample Name	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m ² /month)	Laboratory Results				
									Total Suspended Solids (g/m ² /month) <4	Ash (g/m ² /month)	Combustible Matter (g/m ² /month)	Soluble Matter (g/m ² /month)	Grand Total Solids (g/m ² /month)
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 2	H7110/1	org. matter	29	2,900	<4	6.2	4.3	1.8	2.2	8.3
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 3	H7110/2	brown/org. matter/beetles	29	2,150	<4	5.0	1.6	3.5	3.7	8.7
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 4	H7110/3	org. matter	29	3,150	<4	2.4	0.8	1.6	1.9	4.3
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 5	H7110/4	brown/org. matter	29	2,800	<4	5.1	0.8	4.2	3.7	8.7
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 6	H7110/5	brown/org. matter	29	3,650	<4	12.6	4.1	8.5	5.8	18.4
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 7	H7110/6	org. matter/insects	29	2,880	<4	4.0	0.7	3.4	4.6	8.6
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 8	H7110/7	org. matter	29	2,700	<4	1.8	0.5	1.3	2.0	3.8
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 9	H7110/8	org. matter	29	3,300	<4	1.1	0.2	0.9	1.8	2.9
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 10	H7110/9	org. matter	29	2,800	<4	2.7	1.0	1.7	2.0	4.7
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 11	H7110/10	org. matter	29	3,150	<4	1.5	0.6	0.9	1.6	3.1
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 12	H7110/11	org. matter	29	3,150	<4	1.4	0.5	0.9	1.5	3.0
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 13	H7110/12	brown/org. matter	29	3,050	<4	6.0	2.1	3.9	3.7	9.7
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 14	H7110/13	org. matter/pine needles	29	3,220	<4	1.3	0.5	0.8	2.1	3.4
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 15	H7110/14	org. matter	29	3,450	<4	9.3	6.1	3.2	1.5	10.8
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 16	H7110/15	org. matter	29	3,000	<4	4.1	1.9	2.2	2.5	6.6
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 17	H7110/16	brown/org. matter	29	2,820	<4	3.8	2.0	1.8	2.8	6.5
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 18	H7110/17	brown/org. matter	29	2,300	<4	3.7	1.3	2.3	3.7	7.3
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 19	H7110/18	brown/org. matter	29	1,780	<4	4.1	1.6	2.5	2.2	6.2
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 20	H7110/19	org. matter	29	2,820	<4	1.1	0.1	0.9	2.0	3.0
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 21	H7110/20	org. matter	29	2,450	<4	3.0	1.6	1.4	1.9	4.9
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 22	H7110/21	org. matter	29	2,750	<4	3.2	2.1	1.1	1.3	4.5
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 23	H7110/22	brown/org. matter	29	2,300	<4	2.3	1.0	1.3	2.0	4.3
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 24	H7110/23	..	29	2,320	<4	1.2	0.8	0.4	1.2	2.4
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 25	H7110/24	brown/org. matter	29	3,000	<4	4.9	1.4	3.5	4.7	9.6
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 26	H7110/25	org. matter	29	2,600	<4	1.6	0.5	1.2	1.4	3.0
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 27	H7110/26	..	29	2,700	<4	2.9	2.3	0.6	1.3	4.2
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 28	H7110/27	..	29	3,000	<4	1.2	0.9	0.4	1.4	2.6
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 29	H7110/28	..	29	2,650	<4	2.2	1.4	0.8	1.7	3.9
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 30	H7110/29	org. matter	29	2,400	<4	2.1	1.3	0.8	2.0	4.1
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 31	H7110/30	org. matter	29	2,720	<4	3.7	2.3	1.4	2.2	5.8
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 32	H7110/31	..	29	3,000	<4	1.4	0.9	0.5	1.4	2.7
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 33	H7110/32	..	29	3,500	<4	2.1	1.1	1.0	1.8	4.0
Seymour Whyte	Portion A	19/11/18 - 18/12/18	DDG 34	H7110/33	cloudy/org. matter	29	3,000	<4	5.3	1.3	4.0	3.8	9.1
BGC	Portion A	20/11/18 - 20/12/18	Tyndale	DDG 4-02	Lab: cloudy/org. matter. BGC: Insects, bird droppings and leaf litter present. Refer to attached DG 03 Photo 1 and DG 03 Photo 2	30	2,520	<4	1.1	0.9	0.2	1.4	2.5
BGC	Portion A	20/11/18 - 20/12/18	Maloneys	DDG 4-03	..	30	2,800	<4	7.0	1.7	5.2	8.7	15.7
BGC	Portion A	20/11/18 - 20/12/18	Byrons Lane	DDG 4-04	..	30	2,750	<4	1.6	1.2	0.3	1.5	3.0
BGC	Portion A	20/11/18 - 20/12/18	Shark Creek	DDG 4-05	Lab: cloudy/org. matter. BGC: BGC: Insects, bird droppings and leaf litter present. Refer to attached DG 05 Photo 1 and DG 05 Photo 12.	30	2,530	<4	6.0	3.3	2.7	3.1	9.1
BGC	Portion A	20/11/18 - 20/12/18	Schwongberg Stre	DDG 4-1A	..	30	1,750	<4	1.5	0.9	0.6	1.3	2.8
BGC	Portion A	20/11/18 - 20/12/18	Clyde Essex Dnv	DDG 4-07	Lab: brown/org. matter. BGC: Dust gauge cloudy; bird droppings and leaf litter present. Refer to attached DG 07 Photo 1 and DG 07 Photo 12.	30	2,450	<4	10.1	2.2	7.9	17.3	27.4
BGC	Portion A	20/11/18 - 20/12/18	Causleys	DDG 4-08	..	30	2,000	<4	1.9	1.4	0.5	1.2	3.1
BGC	Portion A	20/11/18 - 20/12/18	BP Lane	DDG 4-09	Lab: org. matter/ants	30	2,200	<4	3.5	3.0	0.5	1.6	5.1
BGC	Portion A	20/11/18 - 20/12/18	Visitor Info Centre	DDG 4-10	..	30	1,900	<4	1.8	1.4	0.5	1.4	3.2
BGC	Portion A	20/11/18 - 20/12/18	Motel	DDG 4-11	Lab: org. matter	30	2,150	<4	2.1	1.1	0.9	1.9	3.9
BGC	Portion A	20/11/18 - 20/12/18	M1 Norley - Byrod	DDG 4-12	..	30	2,830	<4	1.3	1.0	0.4	1.5	2.8
BGC	Portion A	20/11/18 - 20/12/18	Tyndale	DDG 4-13	Lab: org. matter	30	2,570	<4	1.6	0.9	0.7	2.0	3.6
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG315	Ellem Property	org. matter	30	0.49	<4	0.6	0.2	0.3	1.0	1.6
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG316	McLaren Property	cloudy/org. matter	30	0.05	<4	1.4	1.0	0.4	0.0	1.4
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG17 Control	De-Winton Property	org. matter	30	0.60	<4	0.7	0.3	0.4	0.8	1.5
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG18	Jacky Bulbin Road	org. matter	30	0.66	<4	1.3	0.7	0.6	0.8	2.1
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG19	Rainbow	org. matter	30	0.81	<4	1.3	0.5	0.9	1.0	2.3
BMD Constructions	Portion B	22/10/18 - 21/11/18	DDG20	Devils Pulpit	cloudy/org. matter	30	0.35	<4	1.3	0.7	0.6	0.8	2.1
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-06	Watts Lane	org. matter	31	1.00	<4	3.9	2.8	1.1	1.5	5.4
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-08	Serpentine Channel North	org. matter	31	1.59	<4	1.7	1.3	0.5	1.3	3.1
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-09	Chatsworth South East	org. matter	31	1.34	<4	2.0	1.0	1.0	0.6	2.7
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-10	Chatsworth Village	insects, brown	31	1.68	<4	61.5	4.0	57.4	52.4	113.9

Contractor	Location	Exposure Period - Date on / Date off (DD/MM/YY)	Sample Number	Sample Name	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (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 S5	16/11/18 - 17/12/18	DDG 5-11	Fischers Lane - Control Gauge	org. matter	31	1.70	<4	0.7	0.4	0.2	1.9	2.5
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-12	Fischers Lane	insects	31	1.28	<4	1.4	0.6	0.8	2.3	3.7
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-13	Mororo Bridge South West	..	31	2.00	<4	5.7	1.0	4.6	4.0	9.7
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-14	Garretts Lane West	org. matter	31	1.92	<4	1.1	0.8	0.3	1.5	2.6
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-15	Garretts Lane North	org. matter	31	2.00	<4	0.9	0.5	0.4	2.1	3.0
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-16	Iluka Road Compound	..	31	2.22	<4	1.1	0.7	0.4	1.3	2.4
Pacific Complete	Portion B S5	16/11/18 - 17/12/18	DDG 5-17	Woombah Woods Caravan Park	org. matter	31	2.61	<4	1.5	0.8	0.8	2.2	3.7
SEE Civil	Portion B S5	22/11/18 - 8/01/19	DDG 5-03	132 Farlow's Lane, Maclean	Dry/0.2L Mill Q added	47	0.20	<4	0.4	0.3	0.1	0.0	0.4
SEE Civil	Portion B S5	22/11/18 - 8/01/19	DDG 5-04	Behind Fill 5-1 East	Dry/0.2L Mill Q added	47	0.20	<4	0.8	0.5	0.3	0.6	1.4
SEE Civil	Portion B S5	22/11/18 - 8/01/19	DDG 5-05	Fill 5.4 South	cloudy	47	0.96	<4	2.8	1.6	1.2	3.5	6.3
							1.25	<4	2.1	1.2	0.9	2.4	4.5
Golding	Portion B	22/11/18-22/12/18	DDG 5-07	1	org. matter	30							
CPB	Portion C	23/10/18-23/11/18	DDG 7 Control	H6552/1	insect, cloudy	31	1.53	<4	2.4				
CPB	Portion C	23/10/18-23/11/18	DDG 7-1	H6552/2	insects	31	1.19	<4	1.1				
CPB	Portion C	23/10/18-23/11/18	DDG 7-2	H6552/3	org. matter	31	1.40	<4	1.6				
CPB	Portion C	23/10/18-23/11/18	DDG 7-3	H6552/4	insects, org. matter	31	1.46	<4	0.9				
CPB	Portion C	23/10/18-23/11/18	DDG 8-1	H6552/5	org. matter	31	1.65	<4	0.8				
CPB	Portion C	23/10/18-23/11/18	DDG 8-2	H6552/6	org. matter	31	0.95	<4	0.4				
CPB	Portion C	23/10/18-03/12/18	DDG 8-4	H6552/7	org. matter	41	0.79	<4	1.1				
CPB	Portion C	23/10/18-23/11/18	DDG 8-5	H6552/8	insect, org. matter	31	0.02	<4	0.1				
CPB	Portion C	23/10/18-03/12/18	DDG 9-2	H6552/9	org. matter	41	1.00	<4	1.4				
CPB	Portion C	23/10/18-03/12/18	DDG 9-3	H6552/10	org. matter	41	1.00	<4	0.8				
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-03	DDG 10-03	insects	33	0.79	<4	0.8	0.5	0.3	0.9	1.7
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-04	DDG 10-04	insects	33	0.69	<4	1.0	0.5	0.5	0.8	1.8
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-05	DDG 10-05	cloudy	33	0.67	<4	21.0	13.1	7.9	13.5	34.5
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-06	DDG 10-06	..	33	0.87	<4	0.8	0.7	0.2	0.5	1.4
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-07	DDG 10-07	..	33	0.81	<4	0.5	0.3	0.2	0.5	0.9
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-08	DDG 10-08	cloudy	33	0.78	<4	2.6	0.8	0.8	1.9	18.9
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-09	DDG 10-09	org. matter	33	0.78	<4	0.9	0.7	0.2	0.5	1.5
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-10	DDG 10-10	org. matter	33	0.75	<4	0.6	0.4	0.2	0.4	1.0
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-11	DDG 10-11	org. matter	33	0.97	<4	0.6	0.4	0.2	0.5	1.1
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 10-12	DDG 10-12	cloudy, insects	33	1.12	<4	1.1	0.5	0.6	1.1	2.2
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 11-01	DDG 11-01	org. matter	33	1.00	<4	0.7	0.4	0.3	0.4	1.1
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 11-02	DDG 11-02	org. matter	33	0.96	<4	0.9	0.6	0.3	0.6	1.6
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 11-03	DDG 11-03	cloudy, org. matter	33	1.55	<4	17.3	12.4	4.9	21.1	38.4
Lend Lease	Portion D	20/10/18 - 20/11/18	DDG 11-04	DDG 11-04 (Control)	org. matter	33	1.21	<4	3.1	1.7	1.5	3.6	6.7
Quickway	Portion D	18/10/18 - 16/11/18	DDG 10-13	H5993/1	org. matter	29	0.41	<4	1.5	1.2	0.3	0.3	1.8
Quickway	Portion D	18/10/18 - 16/11/18	DDG 10-14	H5993/2	org. matter	29	0.31	<4	1.1	0.9	0.2	0.2	1.2
Quickway	Portion D	18/10/18 - 16/11/18	DDG 10-15	H5993/3	org. matter/cloudy	29	0.30	<4	11.2	4.5	6.7	14.2	25.4
Quickway	Portion D	18/10/18 - 16/11/18	DDG 10-16	H5993/4	..	29	0.22	<4	1.1	0.9	0.2	0.2	1.1
Quickway	Portion D	16/11/18 - 17/12/18	DDG 10-13	H7065/1	org. matter	31	0.83	<4	2.9	1.2	1.6	1.7	4.5
Quickway	Portion D	16/11/18 - 17/12/18	DDG 10-14	H7065/2	cloudy	31	0.76	<4	3.5	2.2	1.3	2.2	5.6
Quickway	Portion D	16/11/18 - 17/12/18	DDG 10-15	H7065/3	org. matter	31	1.00	<4	2.8	0.8	2.0	1.7	4.6
Quickway	Portion D	16/11/18 - 17/12/18	DDG 10-16	H7065/4	org. matter	31	1.00	<4	1.6	1.1	0.4	0.9	2.5
AFHJV	Portion E	08/11/18 - 07/12/18	DDG1			29	-	4	2.0	0.8	1.3	2.7	4.7
AFHJV	Portion E	08/11/18 - 07/12/18	DDG2			29	-	4	2.2	1.3	0.9	1.1	3.3
AFHJV	Portion E	08/11/18 - 07/12/18	DDG3			29	-	4	3.1	2.5	0.6	0.4	3.6
AFHJV	Portion E	08/11/18 - 07/12/18	DDG4			29	-	4	1.4	1.0	0.4	0.8	2.2
AFHJV	Portion E	08/11/18 - 07/12/18	DDG5			29	-	4	1.9	0.9	1.0	0.9	2.8
Lend Lease	Portion F	20/10/18 - 20/11/18	DDG 10 - 02	RRB - S	-	33	0.87	<4	1.6	0.7	0.9	1.5	3.1
Lend Lease	Portion F	20/10/18 - 20/11/18	DDG 10 - 03	RRB - N	-	33	0.79	<4	0.8	0.5	0.3	0.9	1.7
Lend Lease	Portion F	20/10/18 - 20/11/18	DDG 10 - 01	RRB - C	-	33	0.88	<4	1.5	0.9	1.0	1.3	2.7
Georgiou Group	Portion G	5/11/18 - 6/12/18	DDG 11 - 05	Control	insects	31	1.20	<4	0.9	0.4	0.5	1.0	1.9
Georgiou Group	Portion G	5/11/18 - 6/12/18	DDG 11 - 06	Sh Fac Hwy	org. matter	31	1.11	<4	1.6	0.8	0.8	1.1	2.7
Georgiou Group	Portion G	5/11/18 - 6/12/18	DDG 11 - 07	North Smith Drive	brown, org. matter, Dust storm dul	31	0.76	<4	5.3	1.1	4.2	3.3	8.5