

May 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/m ² /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/m ² /month)	Total Suspended Solids (g/m ² /month) <4	Laboratory Results				
										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 Section 3	18/4/2019 - 17/5/2019	DDG2	†1952/1	Organic matter	29	1.3	<4	0.8	0.3		0.5	1.1	1.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG3	†1952/2	Yellow/ organic matter	29	0.7	<4	1.2	0.2		1.0	1.3	2.5
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG4	†1952/3	Organic matter	29	1.4	<4	1.5	0.2		1.3	2.0	3.5
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG5	†1952/4	Brown/ organic matter	29	0.8	<4	1.2	0.2		1.0	1.6	2.8
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG6	†1952/5	Organic matter	29	1.1	<4	0.8	0.0		0.8	0.9	1.7
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG7	†1952/6	Organic matter	29	1.0	<4	0.3	0.1		0.2	0.7	0.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG8	†1952/7	Cloudy/ organic matter	29	0.7	<4	1.5	0.1		1.5	2.0	3.5
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG9	†1952/8	Organic matter	29	1.1	<4	0.6	0.1		0.5	1.1	1.7
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG10	†1952/9	Organic matter	29	1.0	<4	0.6	0.1		0.5	1.0	1.6
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG11	†1952/10	Organic matter	29	1.1	<4	0.4	0.1		0.3	0.9	1.3
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG12	†1952/11	Organic matter	29	0.1	<4	0.1	0.0		0.0	2.0	2.2
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG13	†1952/12	Yellow/ organic matter	29	0.9	<4	1.2	0.1		1.1	1.8	3.0
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG14	†1952/13	Organic matter	29	1.2	<4	0.5	0.2		0.3	1.1	1.6
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG15	†1952/14	Organic matter	29	1.3	<4	0.4	0.1		0.3	1.0	1.5
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG16	†1952/15	Organic matter	29	0.9	<4	0.5	0.1		0.4	0.9	1.4
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG17	†1952/16	Organic matter	29	0.9	<4	0.9	0.4		0.6	1.1	2.1
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG18	†1952/17	Organic matter	29	0.9	<4	1.0	0.4		0.7	2.1	3.2
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG19	†1952/18	Organic matter	29	0.9	<4	0.6	0.0		0.6	1.2	1.8
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG20	†1952/19	Organic matter	29	1.2	<4	0.5	0.2		0.4	1.2	1.7
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG21	†1952/20	Organic matter	29	0.2	<4	0.2	0.2		0.1	2.4	2.6
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG22	†1952/21	Organic matter	29	1.6	<4	0.8	0.3		0.8	1.5	2.3
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG23	†1952/22	Organic matter	29	1.5	<4	0.6	0.2		0.4	1.3	1.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG24	†1952/23	Organic matter	29	1.4	<4	0.7	0.3		0.4	1.1	1.8
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG25	†1952/24	Brown/ organic matter	29	1.3	<4	1.7	0.5		1.3	1.9	3.6
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG26	†1952/25	Organic matter	29	1.5	<4	0.2	0.1		0.1	2.8	2.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG27	†1952/26	Organic matter	29	1.2	<4	0.4	0.1		0.4	0.8	1.3
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG28	†1952/27	Organic matter	29	1.3	<4	2.6	2.1		0.5	1.2	3.8
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG29	†1952/28	Organic matter	29	1.2	<4	1.3	0.6		0.7	1.9	3.2
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG30	†1952/29	Organic matter	29	0.9	<4	0.7	0.3		0.4	1.1	1.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG31	†1952/30	Organic matter	29	1.2	<4	1.0	0.4		0.5	1.4	2.4
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG32	†1952/31	Organic matter	29	1.3	<4	0.4	0.1		0.3	0.9	1.3
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG33	†1952/32	Cloudy/ organic matter	29	1.2	<4	1.6	0.6		1.0	2.3	3.9
Seymour Whyte	Portion A Section 3	18/4/2019 - 17/5/2019	DDG34	†1952/33	Organic matter	29	1.0	<4	0.3	0.1		0.2	0.9	1.2
BGC	Portion A Section 4	17/04/2019-21/05/2019	Tyndale	DG02	org. matter	34	1.5	<4	0.5	0.3		0.2	1.1	1.5
BGC	Portion A Section 4	17/04/2019-21/05/2019	Maloneys	DG03	org. matter	34	1.5	<4	1.3	0.8		0.5	1.7	3.0
BGC	Portion A Section 4	17/04/2019-21/05/2019	Byrons Lane	DG04	cloudy, org. matter	34	1.4	<4	4.1	2.3		1.8	2.6	6.7
BGC	Portion A Section 4	17/04/2019-21/05/2019	Shark Creek	DG05	cloudy, org. matter	34	1.6	<4	1.6	0.9		0.7	3.3	4.9
BGC	Portion A Section 4	17/04/2019-21/05/2019	Clyde Essex Drive	DG07	yellow, org. matter	34	1.8	<4	1.5	0.8		0.7	15.7	17.2
BGC	Portion A Section 4	17/04/2019-21/05/2019	Schwonberg St	DG1A	org. matter	34	1.0	<4	0.3	0.1		0.2	0.7	1.0
BGC	Portion A Section 4	17/04/2019-21/05/2019	Causleys	DG08	org. matter	34	1.3	<4	0.3	0.1		0.1	0.8	1.1
BGC	Portion A Section 4	17/04/2019-21/05/2019	BP Lane	DG09	yellow, org. matter	34	1.6	<4	1.5	0.8		0.8	1.9	3.5
BGC	Portion A Section 4	17/04/2019-21/05/2019	Visitor Info Centre	DG10	cloudy, org. matter	34	1.3	<4	1.0	0.4		0.6	2.4	3.5
BGC	Portion A Section 4	17/04/2019-21/05/2019	Motel	DG11	cloudy, org. matter	34	1.4	<4	1.6	1.1		0.5	3.1	4.8
BGC	Portion A Section 4	17/04/2019-21/05/2019	M1 Norley - Byron	DG12	org. matter	34	1.5	<4	0.2	0.1		0.1	1.0	1.2
BGC	Portion A Section 4	17/04/2019-21/05/2019	Tyndale	DG13	org. matter	34	1.3	<4	0.4	0.3		0.2	1.0	1.4
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Farlows Lane, Maclean	DDG 5-03	Organic matter	30	1.5	<4	0.5	0.2		0.3	1.5	2.0
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Fill 5.1 East, FarlowsFlat	DDG 5-04	Organic matter	30	1.4	<4	0.4	0.1		0.3	1.4	1.8
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Fill 5.4 East, Yamba Interchange	DDG 5-05	Cloudy/ organic matter	30	0.3	<4	0.6	0.3		0.3	2.3	2.9
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Watts Lane	DDG 5-06	Organic matter	30	1.0	<4	1.1	0.6		0.4	1.4	2.4
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Serpentine Channel North	DDG 5-08	Organic matter	30	1.4	<4	0.8	0.3		0.5	1.7	2.5
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Chatsworth South East	DDG 5-09	Organic matter	30	1.1	<4	0.7	0.1		0.5	1.6	2.3
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Chatsworth Village	DDG 5-10	Organic matter	30	1.0	<4	0.6	0.1		0.5	1.6	2.2
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Fischers Lane - Control Gauge	DDG 5-11	Organic matter	30	1.0	<4	0.4	0.1		0.3	1.3	1.6

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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	17/04/19 - 17/05/19	Fischers Lane	DDG 5-12	Organic matter	30	1.0	<4	0.6	0.1	0.4	0.0	0.6
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Mororo Bridge South West	DDG 5-13	Organic matter	30	1.1	<4	0.7	0.2	0.5	1.9	2.6
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Garretts Lane West	DDG 5-14	Organic matter	30	1.3	<4	0.6	0.1	0.5	2.0	2.5
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Garretts Lane North	DDG 5-15	Cloudy/ organic matter	30	1.0	<4	1.2	0.1	1.1	1.3	2.4
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Iluka Road Compound	DDG 5-16	Organic matter	30	1.3	<4	0.3	0.1	0.3	0.0	0.3
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Woombah Woods Caravan Park	DDG 5-17	Organic matter	30	1.4	<4	1.3	0.3	1.0	2.6	3.9
Pacific Complete	Portion B Section 5	17/04/19 - 17/05/19	Castles Stockpile Area	DDG 5-18	Brown/ organic matter	30	1.1	<4	3.4	0.6	2.8	30.3	33.7
Golding	Portion B Section 5	22/03/2019-22/04/2019	Palm Lane	DDG5-07	1	31	0.1	<4	0.6	0.3	0.2	-0.1	0.5
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	Ellem Property	DDG15	org. matter	28	1.5	<4	0.6	0.3	0.2	2.7	3.3
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	McLaren Property	DDG16		28	1.5	<4	0.7	0.7	0.0	2.2	2.9
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	De-Winton Property	DDG17 Control		28	1.8	<4	0.3	0.3	0.0	2.0	2.3
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	Jacky Bulbin Road	DDG18		28	1.8	<4	1.1	0.7	0.4	2.2	3.3
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	Rainbow	DDG19	org. matter	28	1.7	<4	1.6	0.9	0.7	2.2	3.8
BMD	Portion C Section 6	21/03/2019 - 18/04/2019	Devils Pulpit	DDG20		28	1.2	<4	0.5	0.4	0.1	1.8	2.3
CPB	Portion C	25/4/2019 - 30/5/2019			not available, to report in June 2019								
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-03	1	org. matter	28	2.6	<4	0.9	0.3	0.7	3.1	4.0
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-04	2	org. matter	28	2.9	<4	1.7	0.8	0.9	3.1	4.8
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-05	3	org. matter	28	2.6	<4	1.0	0.3	0.7	2.6	3.6
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-06	4	org. matter	28	2.8	<4	1.2	0.2	0.9	3.4	4.6
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-07	5	cloudy, org. matter	28	3.0	<4	2.6	0.2	2.4	5.1	7.6
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-08	6	brown, org. matter	28	2.5	<4	6.4	0.0	6.4	11.5	17.9
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-09	7	org. matter	28	2.5	<4	1.2	0.3	0.9	3.3	4.5
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-10	8	org. matter	28	2.430	<4	0.6	0.0	0.6	3.1	3.7
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-11	9	brown, org. matter	28	3.190	<4	7.0	0.0	7.0	5.5	12.5
LendLease	Portion D Section 10	22/03/19 - 18/04/2019	DDG 10-12	10	org. matter	28	2.770	<4	0.8	0.0	0.7	3.2	4.0
LendLease	Portion D Section 11	22/03/19 - 18/04/2019	DDG 11-01	11	org. matter	28	3.150	<4	1.3	0.2	1.1	4.2	5.6
LendLease	Portion D Section 11	22/03/19 - 18/04/2019	DDG 11-02	12	org. matter	28	2.980	<4	5.2	3.8	1.4	3.9	9.0
LendLease	Portion D Section 11	22/03/19 - 18/04/2019	DDG 11-03	13	org. matter	28	3.100	<4	0.8	0.0	0.8	4.4	5.2
LendLease	Portion D Section 11	22/03/19 - 18/04/2019	DDG 11-04	14 - Control	insects, org. matter	28	3.130	<4	1.9	0.2	1.7	5.8	7.7
Quickway	Portion D Section 10	17/04/2019 - 17/05/2019	DDG 10-13	i1860/1	Bulk of earthworks completed, construction area generally stable. Insects in sample. 60 mm of water in sample bottle. Below average rainfall during sample period.	30	1.220	<4	1.0	0.5	0.5	1.7	2.7
Quickway	Portion D Section 10	17/04/2019 - 17/05/2019	DDG -10-14	i1860/2	Bulk of earthworks completed, construction area generally stable. Insects and spider webs in sample. Approx. 30 mm of water in sample bottle. Below average rainfall during sample period.	30	1.000	<4	0.6	0.3	0.4	2.3	2.9
Quickway	Portion D Section 10	17/04/2019 - 17/05/2019	DDG -10-15	i1860/3	Bulk of earthworks completed, construction area generally stable. Insects in sample, spider webs in funnel. Approx. 90 mm of water in sample bottle. Below average rainfall during sample period.	30	1.750	<4	0.7	0.3	0.4	2.5	3.2
Quickway	Portion D Section 10	17/04/2019 - 17/05/2019	DDG -10-16	i1860/4	Bulk of earthworks completed, construction area generally stable. Insects in sample. Approx. 90 mm of water in sample bottle. Below average rainfall during sample period.	30	1.920	<4	0.4	0.3	0.2	2.0	2.5
AFHJV	Portion E	12/03/2019 - 11/04/2019	DDG1		organic matter	29	1.1	<4	1.0	0.3	0.7	1.2	2.2
AFHJV	Portion E	12/03/2019 - 11/04/2019	DDG2		organic matter	29	1.4	<4	0.8	0.4	0.4	1.0	1.8
AFHJV	Portion E	12/03/2019 - 11/04/2019	DDG3		organic matter	29	0.92	<4	3.8	3.4	0.3	1.1	4.8
AFHJV	Portion E	12/03/2019 - 11/04/2019	DDG4		organic matter	29	1.21	<4	0.8	0.4	0.4	1.2	2.0
AFHJV	Portion E	12/03/2019 - 11/04/2019	DDG5		cloudy organic matter	29	1.16	<4	1.7	0.2	1.6	1.1	2.8
LendLease	Portion F	22/03/2019 - 22/04/2019	DDG 10 - 02	RRB - S	org. matter	28	2.450	<4	1.0	0.3	0.6	2.2	3.2
LendLease	Portion F	22/03/2019 - 22/04/2019	DDG 10 - 03	RRB - N	org. matter	28	2.600	<4	0.9	0.3	0.7	3.1	4.0
LendLease	Portion F	22/03/2019 - 22/04/2019	DDG 10 - 01	RRB - C	cloudy, org. matter	28	2.790	<4	2.1	0.3	1.8	4.9	7.0
Georgiou	Portion G	8/04/2019 - 06/05/2019	DDG 11 - 05	DDG 11 - 05 - Control	org. matter	28	1.780	<4	0.2	0.1	0.1	2.0	2.2

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Georgiou	Portion G	8/04/2019 - 06/05/2019	DDG 11 - 06	DDG 11 - 06 - Sth	org. matter	28	1.580	<4	0.7	0.3	0.4	1.8	2.5
Georgiou	Portion G	8/04/2019 - 06/05/2019	DDG 11 - 07	DDG 11 - 07 - Nth	org. matter	28	1.300	<4	0.2	0.1	0.1	1.6	1.8