

April 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 g/m ² /month	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)
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG2	r1035/1	cloudy, org. matter	29	1.2	<4	4.3	2.2	2.1	2.2	6.5
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG3	r1035/2	yellow, org. matter	29	0.8	<4	0.9	0.6	0.3	1.4	2.3
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG4	r1035/3	org. matter	29	1.2	<4	0.5	0.0	0.5	0.9	1.5
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG5	r1035/4	yellow, org. matter	29	0.9	<4	3.3	1.0	2.3	1.5	4.8
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG6	r1035/5	yellow, org. matter	29	1.2	<4	2.5	0.1	2.4	1.3	3.8
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG7	r1035/6	..	29	1.2	<4	0.2	0.2	0.0	1.0	1.3
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG8	r1035/7	org. matter	29	0.9	<4	0.3	0.1	0.2	1.2	1.5
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG9	r1035/8	org. matter	29	1.2	<4	0.7	0.3	0.5	1.1	1.8
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG10	r1035/9	org. matter	29	1.1	<4	0.6	0.2	0.4	1.2	1.8
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG11	r1035/10	ants	29	1.2	<4	0.2	0.1	0.1	1.0	1.2
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG12	r1035/11	..	29	0.0	<4	0.3	0.2	0.1	1.9	2.1
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG13	r1035/12	yellow, org. matter	29	0.7	<4	0.6	0.1	0.5	1.4	2.1
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG14	r1035/13	ants, org. matter	29	1.0	<4	0.9	0.3	0.5	1.2	2.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG15	r1035/14	org. matter	29	0.9	<4	0.2	0.1	0.1	0.8	1.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG16	r1035/15	org. matter	29	0.7	<4	0.2	0.2	0.1	0.7	1.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG17	r1035/16	leaves, yellow	29	0.7	<4	0.6	0.4	0.2	1.2	1.7
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG18	r1035/17	leaves, yellow	29	0.6	<4	1.5	1.1	0.5	1.7	3.2
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG19	r1035/18	org. matter	29	0.4	<4	0.5	0.1	0.4	0.7	1.1
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG20	r1035/19	leaf, org. matter	29	1.0	<4	0.3	0.2	0.1	1.3	1.6
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG21	r1035/20	empty, 0.2L milli Q added	29	0.2	<4	0.1	0.2	0.0	2.1	2.3
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG22	r1035/21	ants	29	1.0	<4	0.2	0.1	0.1	1.0	1.2
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG23	r1035/22	org. matter	29	1.0	<4	0.2	0.1	0.0	1.0	1.2
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG24	r1035/23	..	29	1.1	<4	0.3	-0.4	0.7	0.7	1.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG25	r1035/24	brown, org. matter	29	0.7	<4	0.9	0.6	0.3	2.1	3.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG26	r1035/25	limited volume	29	0.0	<4	0.4	0.3	0.1	1.7	2.1
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG27	r1035/26	org. matter	29	1.0	<4	0.8	0.5	0.3	0.9	1.6
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG28	r1035/27	..	29	1.2	<4	4.6	4.3	0.4	0.7	5.4
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG29	r1035/28	org. matter	29	0.9	<4	0.4	0.4	0.1	1.5	1.9
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG30	r1035/29	org. matter	29	0.8	<4	0.5	0.5	0.0	1.2	1.7
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG31	r1035/30	org. matter	29	1.0	<4	0.7	0.4	0.3	1.3	2.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG32	r1035/31	org. matter	29	1.2	<4	0.4	0.3	0.1	0.7	1.0
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG33	r1035/32	org. matter	29	1.4	<4	1.4	0.9	0.5	1.6	3.1
SWC	Portion A S3	20/3/2019 - 18/4/2019	DDG34	r1035/33	org. matter	29	1.2	<4	0.3	0.2	0.1	1.1	1.3
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG02	Tyndale	..	30	1,000	<4	1.0	0.7	0.3	1.3	2.4
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG03	Maloneys	cloudy, org. matter	30	1,000	<4	6.4	2.4	4.0	4.9	11.4
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG04	Byrons Lane	brown, org. matter	30	1,080	<4	15.6	4.1	11.5	19.3	34.9
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG05	Shark Creek	cloudy, org. matter	30	1,450	<4	7.1	4.8	2.3	4.1	11.2
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG07	Clyde Essex Drive	brown, org. matter	30	1,420	<4	7.2	1.0	6.2	14.5	21.7
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG1A	Schwonberg St	..	30	1,150	<4	0.5	0.3	0.2	1.5	2.0
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG08	Causleys	..	30	1,430	<4	0.1	0.1	0.1	1.3	1.4
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG09	BP Lane	..	30	1,360	<4	0.5	0.4	0.1	1.4	1.9
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG10	Visitor Info Centre	..	30	1,420	<4	0.8	0.7	0.1	1.4	2.1
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG11	Notel	..	30	1,400	<4	0.8	0.6	0.1	1.7	2.5
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG12	M1 Notley - Byron	cloudy	30	1,230	<4	1.8	1.1	0.7	2.3	4.1
BGC	Portion A Section 4	21/3/2019 - 20/4/2019	DG13	Tyndale	..	30	1,000	<4	0.4	0.4	0.0	1.3	1.7
Pacific Complete	Portion B Section 5	N/A	DDG 5-02	Highland Ridge, Maclean	Gauge vandalised & removed from location, will be relocated								
Pacific Complete	Portion B Section 5	20/03/2019 - 17/04/2019	DDG 5-03	Farlows Lane, Maclean		28	1.2	<4	0.6	0.0	0.6	1.5	2.1
Pacific Complete	Portion B Section 5	20/03/2019 - 17/04/2019	DDG 5-04	Fill 5.1 East, FarlowsFlat		28	1.0	<4	0.6	0.2	0.4	1.5	2.1

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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	20/03/2019 - 17/04/2019	DDG 5-05	Fill 5.4 East, Yamba Interchange		28	1.0	<4	2.0	1.3	0.7	9.7	11.7
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-06	Watts Lane		30	1.4	<4	3.4	2.0	1.5	4.3	7.8
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-08	Serpentine Channel North		30	1.5	<4	0.9	0.5	0.4	2.2	3.1
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-09	Chatsworth South East		30	1.6	<4	2.6	0.1	2.5	3.5	6.0
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-10	Chatsworth Village		30	1.4	<4	0.8	0.4	0.4	2.4	3.2
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-11	Fischers Lane - Control Gauge		30	1.7	<4	0.5	0.2	0.3	3.1	3.6
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-12	Fischers Lane		30	1.4	<4	0.7	0.2	0.5	2.6	3.2
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-13	Mororo Bridge South West		30	1.4	<4	0.9	0.5	0.4	3.2	4.1
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-14	Garretts Lane West		30	1.7	<4	0.4	0.2	0.2	3.1	3.4
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-15	Garretts Lane North		30	1.4	<4	0.5	0.3	0.2	3.3	3.8
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-16	Iuka Road Compound		30	1.4	<4	0.4	0.2	0.3	2.0	2.5
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-17	Woombah Woods Caravan Park		30	1.6	<4	0.5	0.2	0.2	2.5	2.9
Pacific Complete	Portion B Section 5	18/03/2019 - 17/04/2019	DDG 5-18	Castles Stockpile Area		30	1.3	<4	0.5	0.3	0.2	1.5	2.0
Golding	Portion B Section 5	22/3/2019 - 22/4/2019	DDG 5-07		not available at time of report								
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG15	Ellern Property	cloudy, org. matter	28	2.1	<4	5.6	0.8	4.8	7.3	12.9
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG16	McLaren Property	org. matter	28	0.2	<4	0.8	0.5	0.3	1.0	1.8
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG17	De-Winton Property / Control	org. matter	28	3.2	<4	0.5	0.1	0.5	4.2	4.7
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG18	Jacky Bulbin Road	org. matter	28	3.0	<4	1.5	0.8	0.7	4.1	5.6
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG19	Rainbow	cloudy, org. matter	28	3.2	<4	1.9	0.8	1.1	5.7	7.6
BMD	Portion C Section 6	21/02/2019 - 21/03/2019	DDG20	Devils Pulpit	org. matter	28	3.0	<4	1.1	0.7	0.4	4.1	5.2
CPB	Portion C Section 7	30/03/2019-24/04/2019	DDG 7 Control		beetles, org. matter	35	3.15	<4	1.4				
CPB	Portion C Section 7	30/03/2019-24/04/2019	DDG 7-1	I1061/2	ants, org. matter	35	2.4	<4	0.5				
CPB	Portion C Section 7	30/03/2019-24/04/2019	DDG 7-2	I1061/3	ants	35	2.92	<4	1.1				
CPB	Portion C Section 7	30/03/2019-24/04/2019	DDG 7-3	I1061/4	...	35	3.15	<4	1.0				
CPB	Portion C Section 8	30/03/2019-24/04/2019	DDG 8-1	I1061/5	...	35	3.87	<4	1.4				
CPB	Portion C Section 8	30/03/2019-24/04/2019	DDG 8-2	I1061/6	org. matter, #nb. On day of colle	35	3.3	<4	6.0				
CPB	Portion C Section 8	30/03/2019-24/04/2019	DDG 8-4	I1061/7	org. matter	35	3.13	<4	2.0				
CPB	Portion C Section 8	30/03/2019-24/04/2019	DDG 8-5	I1061/8	org. matter	35	3.400	<4	0.8				
CPB	Portion C Section 9	30/03/2019-24/04/2019	DDG 9-2	I1061/9	...	35	3.000	<4	1.1				
CPB	Portion C Section 9	30/03/2019-24/04/2019	DDG 9-3	I1061/10	...	35	2.950	<4	0.6				
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-03	1	org. matter	28	1.5	<4	0.5	0.1	0.4	3.6	4.0
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-04	2	org. matter	28	1.8	<4	0.6	0.3	0.4	3.0	3.7
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-05	3	org. matter	28	2.5	<4	0.7	1.7	1.4	3.1	3.1
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-06	4	org. matter, yellow	28	3.5	<4	2.3	1.0	1.3	1.5	3.8
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-07	5	org. matter, cloudy	28	3.2	<4	1.0	0.0	1.0	3.3	4.3
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-08	6	org. matter	28	3.4	<4	1.0	0.0	1.0	4.1	5.1
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-09	7	org. matter	28	3.1	<4	1.4	0.5	0.9	4.1	5.4
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-10	8	org. matter	28	3.2	<4	1.1	0.0	1.1	3.6	4.6
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-11	9	org. matter	28	2.9	<4	1.0	0.3	0.6	4.1	5.1
LendLease	Portion D Section 10	22/02/2019 - 22/03/2019	DDG 10-12	10	org. matter	28	3.3	<4	1.1	0.1	1.0	4.4	5.5
LendLease	Portion D Section 11	22/02/2019 - 22/03/2019	DDG 11-01	11	org. matter	28	2.5	<4	0.8	0.3	0.5	4.2	4.9
LendLease	Portion D Section 11	22/02/2019 - 22/03/2019	DDG 11-02	12	org. matter, cloudy			<4					
LendLease	Portion D Section 11	22/02/2019 - 22/03/2019	DDG 11-03	13	org. matter, yellow	28	2.5	<4	25.4	21.4	4.1	6.3	31.7
LendLease	Portion D Section 11	22/02/2019 - 22/03/2019	DDG 11-04	14 - Control	cloudy, insects	28	1.7	<4	2.7	0.9	1.8	9.9	12.5

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Quickway	Portion D Section 10	15/02/2019 - 18/03/2019	DDG 10-13	H9761/1	Extensive construction works being undertaken. Insects in sample. 140 mm of water in sample bottle. Below average rainfall during sample period.	31	2.930	<4	2.8	0.1	2.7	6.3	9.1
Quickway	Portion D Section 10	15/02/2019 - 18/03/2019	DDG -10-14	H9761/2	Extensive construction works being undertaken. Insects present in sample. Approx. 160 mm of water in sample bottle. Below average rainfall during sample period.	31	3.400	<4	0.5	0.2	0.3	5.3	5.9
Quickway	Portion D Section 10	15/02/2019 - 18/03/2019	DDG -10-15	H9761/3	Extensive construction works being undertaken. Insects present in sample. Approx. 170 mm of water in sample bottle. Below average rainfall during sample period.	31	3.620	<4	2.7	1.5	1.2	6.2	9.0
Quickway	Portion D Section 10	15/02/2019 - 18/03/2019	DDG -10-16	H9761/4	Extensive construction works being undertaken. Insects present in sample. Approx. 150 mm of water in sample bottle. Below average rainfall during sample period.	31	3.300	<4	2.6	1.7	1.0	6.3	8.9
Quickway	Portion D Section 10	18/03/2019 - 17/04/2019	DDG 10-13	I0994/1	Bulk of earthworks completed, construction area generally stable. Pollen in sample. 200 mm of water in sample bottle. Below average rainfall during sample period.	30	3.150	<4	1.6	0.7	0.9	3.8	5.4
Quickway	Portion D Section 10	18/03/2019 - 17/04/2019	DDG -10-14	I0994/2	Bulk of earthworks completed, construction area generally stable. Insects present in sample. Approx. 200 mm of water in sample bottle. Below average rainfall during sample period.	30	2.420	<4	1.0	0.2	0.8	3.8	4.9
Quickway	Portion D Section 10	18/03/2019 - 17/04/2019	DDG -10-15	I0994/3	Bulk of earthworks completed, construction area generally stable. Approx. 200 mm of water in sample bottle. Below average rainfall during sample period.	30	2.770	<4	0.4	0.3	0.2	4.2	4.6
Quickway	Portion D Section 10	18/03/2019 - 17/04/2019	DDG -10-16	I0994/4	Bulk of earthworks completed, construction area generally stable. Approx. 250 mm of water in sample bottle. Below average rainfall during sample period.	30	2.550	<4	0.9	0.5	0.3	3.3	4.2
AFHJV	Portion E	12/03/2019 - 11/4/2019	DDG1	I0905/1	org. matter, cloudy	30	1.560	<4	1.1	0.7	0.4	1.9	3.1
AFHJV	Portion E	12/03/2019 - 11/4/2019	DDG2	I0905/2	org. matter	30	1.640	<4	1.3	1.1	0.3	1.7	3.0
AFHJV	Portion E	12/03/2019 - 11/4/2019	DDG3	I0905/3	org. matter, brown	30	1.520	<4	13.8	4.7	9.0	13.3	27.0
AFHJV	Portion E	12/03/2019 - 11/4/2019	DDG4	I0905/4	org. matter	30	1.700	<4	1.2	1.1	0.0	1.7	2.8
AFHJV	Portion E	12/03/2019 - 11/4/2019	DDG5	I0905/5	org. matter	30	1.620	<4	1.2	0.9	0.3	1.8	2.9
LendLease	Portion F RRB	22/02/2019 - 22/03/2019	DDG 10 - 02	RRB - S	org. matter	28	1.330	<4	0.6	0.3	0.3	3.2	3.8
LendLease	Portion F RRB	22/02/2019 - 22/03/2019	DDG 10 - 03	RRB - N	org. matter	28	1.490	<4	0.5	0.1	0.4	3.6	4.0
LendLease	Portion F RRB	22/02/2019 - 22/03/2019	DDG 10 - 01	RRB - C	org. matter	28	1.580	<4	0.4	0.0	0.4	2.1	2.5
Georgiou Group	Portion G P2T3	6/03/2019 - 08/04/2019	DDG 11 - 05	DDG 11 - 05 - Control	org. matter	33	2.670	<4	0.7	0.2	0.5	2.6	3.3
Georgiou Group	Portion G P2T3	6/03/2019 - 08/04/2019	DDG 11 - 06	DDG 11 - 06 - Sth	insects	33	2.660	<4	1.0	0.3	0.7	2.5	3.4
Georgiou Group	Portion G P2T3	6/03/2019 - 08/04/2019	DDG 11 - 07	DDG 11 - 07 - Nth	insects	33	1.840	<4	0.5	0.0	0.5	2.0	2.5