

## September 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/m2/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/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)
SWC	A 3	17/08/2018 - 18/09/2018	DDG2	H4246/1	yellowish/org. matter	32	2.10	<4	2.2	1.2	1.1	1.5	3.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG3	H4246/2	org. matter	32	1.40	<4	0.9	0.5	0.4	1.0	2.0
SWC	A 3	17/08/2018 - 18/09/2018	DDG4	H4246/3	org. matter	32	1.65	<4	0.8	0.4	0.4	1.3	2.1
SWC	A 3	17/08/2018 - 18/09/2018	DDG5	H4246/4	brown/org. matter	32	1.50	<4	2.9	1.3	1.6	2.3	5.2
SWC	A 3	17/08/2018 - 18/09/2018	DDG6	H4246/5	brown/org. matter	32	3.10	<4	2.9	1.4	1.4	4.8	7.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG7	H4246/6	-	32	1.65	<4	0.5	0.3	0.2	1.3	1.8
SWC	A 3	17/08/2018 - 18/09/2018	DDG8	H4246/7	org. matter	32	1.40	<4	0.7	0.3	0.4	1.6	2.3
SWC	A 3	17/08/2018 - 18/09/2018	DDG9	H4246/8	-	32	1.58	<4	0.4	0.2	0.2	1.0	1.5
SWC	A 3	17/08/2018 - 18/09/2018	DDG10	H4246/9	cloudy/org. matter	32	1.40	<4	2.6	1.1	1.5	1.8	4.5
SWC	A 3	17/08/2018 - 18/09/2018	DDG11	H4246/10	leaf/org. matter	32	1.85	<4	0.6	0.3	0.3	0.9	1.5
SWC	A 3	17/08/2018 - 18/09/2018	DDG12	H4246/11	-	32	1.55	<4	0.6	0.3	0.3	1.2	1.8
SWC	A 3	17/08/2018 - 18/09/2018	DDG13	H4246/12	brown/org. matter	32	1.10	<4	3.6	2.3	1.2	1.0	4.5
SWC	A 3	17/08/2018 - 18/09/2018	DDG14	H4246/13	pine needles	32	1.67	<4	1.1	0.7	0.4	1.2	2.3
SWC	A 3	17/08/2018 - 18/09/2018	DDG15	H4246/14	org. matter	32	1.70	<4	0.6	0.2	0.4	1.1	1.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG16	H4246/15	org. matter	32	1.50	<4	1.8	0.8	0.9	1.3	3.1
SWC	A 3	17/08/2018 - 18/09/2018	DDG17	H4246/16	org. matter	32	1.73	<4	1.1	0.7	0.5	1.2	2.4
SWC	A 3	17/08/2018 - 18/09/2018	DDG18	H4246/17	yellowish/org. matter	32	1.67	<4	2.7	1.5	1.2	2.0	4.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG19	H4246/18	leaves/org. matter	32	1.20	<4	1.7	0.8	0.9	1.2	3.0
SWC	A 3	17/08/2018 - 18/09/2018	DDG20	H4246/19	leaf/org. matter	32	1.70	<4	0.7	0.3	0.4	1.2	1.9
SWC	A 3	17/08/2018 - 18/09/2018	DDG21	H4246/20	org. matter	32	1.48	<4	1.9	1.5	0.4	2.8	4.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG22	H4246/21	org. matter	32	1.36	<4	1.9	1.5	0.4	0.9	2.8
SWC	A 3	17/08/2018 - 18/09/2018	DDG23	H4246/22	org. matter	32	1.50	<4	0.7	0.5	0.2	0.0	0.7
SWC	A 3	17/08/2018 - 18/09/2018	DDG24	H4246/23	org. matter	32	1.30	<4	1.8	1.3	0.4	1.1	2.9
SWC	A 3	17/08/2018 - 18/09/2018	DDG25	H4246/24	brown/org. matter	32	1.35	<4	2.4	1.4	1.1	1.9	4.3
SWC	A 3	17/08/2018 - 18/09/2018	DDG26	H4246/25	-	32	1.67	<4	0.6	0.3	0.3	1.0	1.6
SWC	A 3	17/08/2018 - 18/09/2018	DDG27	H4246/26	org. matter	32	1.70	<4	0.9	0.5	0.4	1.0	1.9
SWC	A 3	17/08/2018 - 18/09/2018	DDG28	H4246/27	cloudy/org. matter	32	1.80	<4	4.5	2.5	2.0	2.4	6.9
SWC	A 3	17/08/2018 - 18/09/2018	DDG29	H4246/28	cloudy/org. matter	32	1.70	<4	2.4	1.1	1.3	2.0	4.4
SWC	A 3	17/08/2018 - 18/09/2018	DDG30	H4246/29	org. matter	32	1.63	<4	1.0	0.5	0.6	1.2	2.3
SWC	A 3	17/08/2018 - 18/09/2018	DDG31	H4246/30	org. matter	32	1.70	<4	0.7	0.1	0.6	1.3	2.0
SWC	A 3	17/08/2018 - 18/09/2018	DDG32	H4246/31	org. matter	32	1.20	<4	0.8	0.6	0.3	1.0	1.8
SWC	A 3	17/08/2018 - 18/09/2018	DDG33	H4246/32	org. matter	32	1.70	<4	0.9	0.6	0.3	1.2	2.1
SWC	A 3	17/08/2018 - 18/09/2018	DDG34	H4246/33	cloudy/org. matter	32	1.35	<4	1.7	0.9	0.9	1.5	3.3
BGC	A 4	19/07/2018-20/08/2018	DG02	Tyndale	-	31	1.78	<4	0.9	0.4	0.5	1.2	2.1
BGC	A 4	19/07/2018-20/08/2018	DG03	Maloneys	brown/org. matter	31	1.80	<4	14.4	4.1	10.3	43.3	57.7
BGC	A 4	19/07/2018-20/08/2018	DG04	Byrons Lane	ants/org. matter	31	1.50	<4	1.8	1.3	0.5	1.1	2.9
BGC	A 4	19/07/2018-20/08/2018	DG05	Shark Creek	cloudy/broken glass	31	2.30	<4	5.3	3.5	1.8	10.8	16.1
BGC	A 4	19/07/2018-20/08/2018	DG1A	Schwonberg Street	-	31	2.15	<4	0.6	0.3	0.3	1.4	1.9
BGC	A 4	19/07/2018-20/08/2018	DG07	Clyde Essex Drive	cloudy/org. matter	31	2.05	<4	4.7	0.8	3.9	15.5	20.2
BGC	A 4	19/07/2018-20/08/2018	DG08	Causleys	No Sample	-	-	<4	-	-	-	-	-
BGC	A 4	20/06/2018-20/09/2018	DG09	BP Lane	ants/org. matter/cloudy	31	2.10	<4	3.4	2.8	0.6	1.5	4.8
BGC	A 4	19/07/2018-20/08/2018	DG10	Visitor Info Centre	ants	31	2.10	<4	0.8	0.4	0.5	1.7	2.5
BGC	A 4	19/07/2018-20/08/2018	DG11	Motel	org. matter	31	2.23	<4	1.1	0.3	0.8	2.1	3.2
BGC	A 4	19/07/2018-20/08/2018	DG12	M1 Norley - Byron	cloudy/org. matter	31	2.45	<4	7.4	5.2	2.1	5.2	12.5
BGC	A 4	19/07/2018-20/08/2018	DG13	Tyndale	-	31	1.80	<4	1.2	0.7	0.4	1.1	2.2
SEE Civil	B 5	28/08/2018 - 26/9/2018	DDG 5-02	Highland Ridge, Maclean	-	29	-	<4	0.3	0.1	0.2	0.0	0.3
SEE Civil	B 5	28/08/2018 - 26/9/2018	DDG 5-03	132 Farrow's Lane, Maclean	-	29	-	<4	0.8	0.5	0.3	1.5	2.4
SEE Civil	B 5	28/08/2018 - 26/9/2018	DDG 5-04	Behind Fill 5-1 East	-	29	-	<4	0.5	0.3	0.2	1.6	2.1
SEE Civil	B 5	28/08/2018 - 26/9/2018	DDG 5-05	Fill 5.4 South	cloudy/org. matter	29	-	<4	4.4	2.6	1.8	3.7	8.1
Golding	B 5	22/07/2018-22/08/2018	DDG 5-07	1	-	31	0.20	<4	0.3	-	-	-	0.3
Golding	B 5	22/08/2018-22/09/2018	DDG 5-07	1	-	33	2.50	<4	1.5	-	-	-	1.5
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-06	Watts Lane	N/A	N/A	N/A	<4	N/A	N/A	N/A	N/A	N/A
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-08	Serpentine Channel North	org. matter	30	2.60	<4	1.8	0.8	1.0	2.4	4.1
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-09	Chatsworth South East	org. matter	30	2.90	<4	1.8	1.4	0.3	1.7	3.5
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-11	Fischers Lane - Control Gauge	org. matter	30	2.70	<4	4.4	4.1	0.3	1.7	6.1
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-12	Fischers Lane	org. matter	30	2.25	<4	4.6	3.9	0.7	4.0	8.6

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) <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)
							2.17	<4	2.6	2.0	0.6	3.6	6.2
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-13	Mororo Bridge South West	org. matter	30							
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-14	Garretts Lane West	org. matter	30	2.20	<4	2.3	1.1	1.2	3.4	5.8
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-15	Garretts Lane North	org. matter/yellowish	30	1.97	<4	1.7	1.3	0.4	2.1	3.8
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-16	Iuka Road Compound	-	30	2.00	<4	0.7	0.5	0.1	1.3	2.0
Pacific Complete	B 5	20/8/18 - 19/09/18	DDG 5-17	Wombah Woods Caravan Park	-	30	2.15	<4	0.7	0.6	0.1	1.4	2.1
BMD	B 6	20/07/2018 - 21/08/2018	DDG15	Ellem Property	dry/0.25L milli Q added	32	0.25	<4	0.3	0.2	0.1	0.3	0.6
BMD	B 6	20/07/2018 - 21/08/2018	DDG15	McLaren Property	limited volume	32	0.02	<4	0.6	0.6	0.1	0.0	0.6
BMD	B 6	20/07/2018 - 21/08/2018	DDG17 Control	De-Winton Property	-	32	0.08	<4	0.2	0.2	0.1	0.0	0.2
BMD	B 6	20/07/2018 - 21/08/2018	DDG18	Jacky Bulbin Road	cloudy/org. matter	32	0.25	<4	1.2	0.8	0.4	0.0	1.2
BMD	B 6	20/07/2018 - 21/08/2018	DDG19	Rainbow	dry/0.25L milli Q added	32	0.25	<4	0.7	0.4	0.3	0.0	0.7
BMD	B 6	20/07/2018 - 21/08/2018	DDG20	Devils Pulpit	dry/0.25L milli Q added	32	0.25	<4	0.9	0.5	0.4	0.9	1.8
CPB	C	24/7/2018 - 21/8/2018	DDG 7 Control	7 control	cloudy	28	0.04	<4	0.9				
CPB	C	24/7/2018 - 21/8/2018	DDG 7-1	Serendipity	cricket	28	0.06	<4	1.1				
CPB	C	24/7/2018 - 21/8/2018	DDG 7-2	New Italy	cloudy/limited volume	28	0.02	<4	1.8				
CPB	C	24/7/2018 - 21/8/2018	DDG 7-3	Whites Rd	dry/0.2L milliQ added	28	0.20	<4	1.6				
CPB	C	24/7/2018 - 21/8/2018	DDG 8-1	Gap Rd	dry/0.2L milliQ added	28	0.20	<4	0.5				
CPB	C	24/7/2018 - 21/8/2018	DDG 8-2	WatsonSt	-	28	0.11	<4	0.3				
CPB	C	24/7/2018 - 21/8/2018	DDG 8-4	Lang Hill	N/A	-	-	<4	N/A				
CPB	C	24/7/2018 - 21/8/2018	DDG 8-5	Trustums Hill Rd	dry/0.2L milliQ added	28	0.20	<4	0.2				
CPB	C	24/7/2018 - 21/8/2018	DDG 9-2	Broadwater-Evans Head Rd	dry/0.2L milliQ added	28	0.20	<4	1.5				
CPB	C	24/7/2018 - 21/8/2018	DDG 9-3	Pac Hwy CH14100	dry/0.2L milliQ added	28	0.20	<4	0.2				
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-03	DDG 10-03	brown/org. matter	32	0.14	<4	3.8	1.3	2.6	1.0	5.0
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-04	DDG 10-04	cloudy/org. matter	32	0.11	<4	1.8	1.1	0.7	0.4	2.2
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-05	DDG 10-05	org. matter	32	0.13	<4	0.3	0.2	0.1	0.0	0.3
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-06	DDG 10-06	cloudy/org. matter	32	0.16	<4	2.1	1.7	0.4	0.1	2.1
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-07	DDG 10-07	org. matter	32	0.15	<4	0.4	0.3	0.1	0.1	0.5
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-08	DDG 10-08	org. matter	32	0.18	<4	0.6	0.4	0.2	0.0	0.7
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-09	DDG 10-09	-	32	0.15	<4	0.9	0.8	0.1	0.0	0.9
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-10	DDG 10-10	org. matter	32	0.12	<4	0.6	0.4	0.2	0.0	0.6
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-11	DDG 10-11	-	32	0.07	<4	0.3	0.3	0.1	0.0	0.3
Lend/Lease	D 10	19/07/2018 - 20/08/2018	DDG 10-12	DDG 10-12	-	32	0.23	<4	0.8	0.5	0.2	0.2	0.9
Lend/Lease	D 11	19/07/2018 - 20/08/2018	DDG 11-01	DDG 11-01	org. matter	32	0.13	<4	1.1	0.6	0.5	0.1	1.1
Lend/Lease	D 11	19/07/2018 - 20/08/2018	DDG 11-02	DDG 11-02	org. matter	32	0.10	<4	0.8	0.5	0.2	0.0	0.8
Lend/Lease	D 11	19/07/2018 - 20/08/2018	DDG 11-03	DDG 11-03	brown/org. matter	32	0.24	<4	3.4	2.1	1.3	0.8	4.2
Lend/Lease	D 11	19/07/2018 - 20/08/2018	DDG 11-04	DDG 11-04 (Control)	cloudy/org. matter	32	0.20	<4	1.0	0.6	0.4	1.2	2.2
							1.57	<4	6.4	5.8	0.6	1.6	8.0
Quickway	D 10	20/08/18 - 19/09/18	DDG 10-13	H4170/1	Org. matter/cloudy	30							
Quickway	D 10	20/08/18 - 19/09/18	DDG 10-14	H4170/2	Org. matter/cloudy	30	2.43	<4	1.9	1.6	0.3	2.3	4.2
Quickway	D 10	20/08/18 - 19/09/20	DDG 10-15	H4170/3	Org. matter/cloudy	30	2.66	<4	1.2	0.9	0.2	3.2	4.4
Quickway	D 10	14/09/18 - 19/09/18	DDG 10-16	H4170/4	-	5	0.06	<4	1.7	1.3	0.4	0.0	1.7
							0.19	<4	19.2	4.2	14.9	20.3	39.5
Lend/Lease	F	19/07/18 - 20/08/18	DDG 10-02	RR8 - S	brown/org. matter	32							
Lend/Lease	F	19/07/18 - 20/08/18	DDG 10-03	RR8 - N	org. matter	32	0.14	<4	3.9	1.3	2.6	1.0	5.0
							0.11	<4	3.4	1.6	1.8	0.8	4.2
Lend/Lease	F	19/07/18 - 20/08/18	DDG 10-01	RR8 - C	cloudy/org. matter	32							
Georgiou Group	G	3/8/2018 to 5/9/2018	DDG 11-05	Control		33	2.54	<4	0.5	16.0	0.4	0.0	0.5
Georgiou Group	G	3/8/2018 to 5/9/2018	DDG 11-06	StH Pac Hwy		33	2.15	<4	0.5	18.0	0.5	1.0	1.5
Georgiou Group	G	3/8/2018 to 5/9/2018	DDG 11-07	North Smith Drive		33	2.12	<4	0.6	20.0	0.2	1.5	2.1