

## March 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	Sample Name	Sample Number	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month)
BGC	Portion A	Tyndale	DG02	org. matter	27	2.130	<4	0.4
BGC	Portion A	Maloneys	DG03	cloudy/yellow/org. matter	27	2.040	<4	7.2
BGC	Portion A	Byrons Lane	DG04	cloudy/org. matter/insects	27	2.020	<4	2.9
BGC	Portion A	Shark Creek	DG05	..	27	2.030	<4	0.9
BGC	Portion A	Schwonberg St	DG06	org. matter/insects	27	2.250	<4	0.7
BGC	Portion A	Clyde Essex Dr	DG07	cloudy/insects	27	2.250	<4	12.7
BGC	Portion A	Causleys	DG08	..	27	2.120	<4	0.6
BGC	Portion A	BP Ln	DG09	0.2L milli Q added	18	0.200	<4	0.2
BGC	Portion A	Visitor info centre	DG10	ants/org. matter	27	2.700	<4	2.0
BGC	Portion A	Motel	DG11	insects	27	2.460	<4	1.1
BGC	Portion A	M1 Norley - Byron	DG12	insects	27	2.130	<4	0.9

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BGC	Portion A	Tyndale	DG13	insects/org. matter	27	1.900	<4	0.7
SWC	Portion A	DDG 1	-	Removed at landholders request on 19/02/2018. Awaiting instruction on where to reinstall.	-	-	<4	-
SWC	Portion A	DDG 2	1	org. matter	31	3.240	<4	3.3
SWC	Portion A	DDG 3	2	org. matter	31	1.300	<4	1.7
SWC	Portion A	DDG 4	3	org. matter	31	2.800	<4	1.5
SWC	Portion A	DDG 5	4	orange/brown/org. matter	31	2.420	<4	7.8
SWC	Portion A	DDG 6	5	orange/org. matter	31	4.180	<4	4.7
SWC	Portion A	DDG 7	6	..	31	2.630	<4	1.4
SWC	Portion A	DDG 8	7	leaves	31	2.180	<4	3.0
SWC	Portion A	DDG 9	8	org. matter/bits of glass	31	2.780	<4	3.6
SWC	Portion A	DDG 10	9	yellow/org. matter	31	2.650	<4	2.1
SWC	Portion A	DDG 11	10	org. matter	31	3.000	<4	0.3
SWC	Portion A	DDG 12	11	..	31	2.850	<4	0.0

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SWC	Portion A	DDG 13	12	orange/org. matter	31	3.350	<4	0.6
SWC	Portion A	DDG 14	13	org. matter	31	3.140	<4	0.3
SWC	Portion A	DDG 15	14	org. matter	31	3.410	<4	0.0
SWC	Portion A	DDG 16	15	org. matter	31	2.830	<4	0.2
SWC	Portion A	DDG 17	16	org. matter	31	2.600	<4	1.1
SWC	Portion A	DDG 18	17	yellow/org. matter	31	1.850	<4	0.8
SWC	Portion A	DDG 19	18	yellow/org. matter	31	2.030	<4	0.1
SWC	Portion A	DDG 20	19	dark yellow/org. matter	31	1.860	<4	1.1
SWC	Portion A	DDG 21	20	..	31	0.170	<4	0.3
SWC	Portion A	DDG 22	21	org. matter	31	2.880	<4	0.7
SWC	Portion A	DDG 23	22	org. matter	31	3.100	<4	0.8
SWC	Portion A	DDG 24	23	..	31	2.230	<4	0.8
SWC	Portion A	DDG 25	24	yellow/org. matter	31	2.820	<4	2.6

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SWC	Portion A	DDG 26	25	..	31	2.500	<4	0.4
SWC	Portion A	DDG 27	26	..	31	2.620	<4	0.3
SWC	Portion A	DDG 28	27	org. matter	31	2.740	<4	2.0
SWC	Portion A	DDG 29	28	..	31	2.930		0.5
SWC	Portion A	DDG 30	29	yellowish/org. matter	31	2.300		0.9
SWC	Portion A	DDG 31	30	..	31	2.920		0.8
BMD	Portion B - Section 6	DDG19	DDG19	Insects and Leaves	30	1.5	<4	0.2
SEE Civil	Portion B	DDG 2	G8809/1	Yellow / organic matter	23	1.36	<4	2.7
SEE Civil	Portion B	DDG 3	G8809/2	Organic matter	27	0.22	<4	2.4
SEE Civil	Portion B	DDG 4	G8809/3	Organic matter	27	0.1	<4	1.2
CPB	Portion C	7-1 Serendipity	7-1 Serendipity		31	1.63	<4	0.85
CPB	Portion C	7-2 New Italy	7-2 New Italy	No water in vessel, indicates tampering	31	NA	<4	N/A
CPB	Portion C	7-3 Whites Rd	7-3 Whites Rd	No water in vessel, indicates tampering	31	NA	<4	N/A

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CPB	Portion C	7-Control	7-Control	Stand knocked over, indicates tampering	31	NA	<4	N/A
CPB	Portion C	8-1 Gap Rd	8-1 Gap Rd		31	2.13	<4	0.26
CPB	Portion C	8-2 Watson St	8-2 Watson St	Funnel missing, indicates tampering	31	NA	<4	N/A
CPB	Portion C	8-4 Lang Hill	8-4 Lang Hill		31	1.65	<4	0.7
CPB	Portion C	7-2 New Italy	7-2 New Italy		33	1.58	<4	1.49
CPB	Portion C	7-3 Whites Rd	7-3 Whites Rd		33	3.39	<4	1.27
CPB	Portion C	7-Control	7-Control		33	1.68	<4	1.34
CPB	Portion C	8-4 Lang Hill	8-4 Lang Hill		33	1.45	<4	0.40
CPB	Portion C	8-2 Watson St	8-2 Watson St		33	1.97	<4	1.06
CPB	Portion C	7-3 Whites Rd	7-3 Whites Rd		33	1.79	<4	0.37
CPB	Portion C	Glencoe CPB DDG 7/1	Glencoe CPB DDG 7/1		33	1.98	<4	0.63
CPB	Portion C	Sharpes Road 8/1	Sharpes Road 8/1		33	1.23	<4	0.40
LendLease	Portion D - Sections 10 & 11	DDG01	1		28	1.66	≤ 4	0.4

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LendLease	Portion D - Sections 10 & 11	DDG02	2		28	1.58	≤ 4	0.4
LendLease	Portion D - Sections 10 & 11	DDG03	3		28	1.55	≤ 4	33.9
LendLease	Portion D - Sections 10 & 11	DDG04	4		28	1.47	≤ 4	3.5
LendLease	Portion D - Sections 10 & 11	DDG05	5		28	1.65	≤ 4	0.4
LendLease	Portion D - Sections 10 & 11	DDG06		Sample location vandalised - Monitoring equipment smashed. No sample taken.	N/A	N/A	≤ 4	N/A
LendLease	Portion D - Sections 10 & 11	DDG07	6		28	1.82	≤ 4	0.6
LendLease	Portion D - Sections 10 & 11	DDG08		Sample location vandalised - Monitoring equipment dismantled. No sample taken.	N/A	N/A	≤ 4	N/A
LendLease	Portion D - Sections 10 & 11	DDG09	7		28	1.83	≤ 4	0.2
LendLease	Portion D - Sections 10 & 11	DDG10	8		28	2.04	≤ 4	2.1
LendLease	Portion D - Sections 10 & 11	DDG11	9		28	1.6	≤ 4	0.4
LendLease	Portion D - Sections 10 & 11	DDG12	10		28	1.55	≤ 4	1.8
LendLease	Portion D - Sections 10 & 11	DDG13	11		28	2.42	≤ 4	0.2

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LendLease	Portion D - Sections 10 & 11	Control		Sample location vandalised - Monitoring equipment stolen. No sample taken.	N/A	N/A	≤ 4	N/A
AFHJV - Pacifico	Portion E - Bridge over Clarence River at Harwood	DDG1	DDG1	spider	30	2.880	≤ 4	0.50
AFHJV - Pacifico	Portion E - Bridge over Clarence River at Harwood	DDG2	DDG2	..	30	2.450	≤ 4	1.00
AFHJV - Pacifico	Portion E - Bridge over Clarence River at Harwood	DDG3	DDG3	ants	30	2.350	≤ 4	1.52
AFHJV - Pacifico	Portion E - Bridge over Clarence River at Harwood	DDG4	DDG4	cloudy/frog	30	2.500	≤ 4	1.95
AFHJV - Pacifico	Portion E - Bridge over Clarence River at Harwood	DDG5	DDG5	Bugs and leaves	30	2.590	≤ 4	0.14
Lendlease	Portion F - Richmond River Bridge - February	RRB - S		Ants were found in sample	32	1.66	≤ 4	0.7
Lendlease	Portion F - Richmond River Bridge - February	RRB - N		Insects and organic matter in sample	32	1.55	≤ 4	0.4
Lendlease	Portion F - Richmond River Bridge - February	RRB - C		Control sample	32	1.48	≤ 4	5.7
BGC	TBA	TBA	TBA	Lab results not available at time of reporting.	-	-	<4	-
BMD	Portion B	Dust	DDG6	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG7	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG8	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG9	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG10	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG11	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG12	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG14	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG15	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG16	Pending	32	Pending	<4	Pending
BMD	Portion B	Dust	DDG17	Pending	32	Pending	<4	Pending
CPB	Portion C	7-1 Serendipity	7-1 Serendipity	-	31	1.63	≤ 4	0.85
CPB	Portion C	7-2 New Italy	7-2 New Italy	-	31	NA	≤ 5	NA
CPB	Portion C	7-3 Whites Rd	7-3 Whites Rd	-	31	NA	≤ 4	NA
CPB	Portion C	7-Control	7-Control	-	31	NA	≤ 5	NA
CPB	Portion C	8-1 Gap Rd	8-1 Gap Rd	-	31	2.13	≤ 4	0.26
CPB	Portion C	8-2 Watson St	8-2 Watson St	-	31	NA	≤ 5	NA

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CPB	Portion C	8-4 Lang Hill	8-4 Lang Hill	-	31	1.65	≤ 4	0.7
Georgiou	Portion G P2T3	Pimlico Road - Control	2		28	2.2	≤ 4	0.4
Georgiou	Portion G P2T3	South (Pac Hwy)	1		28	2.03	≤ 4	0.1
Georgiou	Portion G P2T3	North (Smith Drive)	3		28	1.87	≤ 4	0.4