

## February 2020 - 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 <sup>2</sup> /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 <sup>2</sup> /month)	Laboratory Results				
									Total Suspended Solids (g/m <sup>2</sup> /month) <4	Ash (g/m <sup>2</sup> /month)	Combustible Matter (g/m <sup>2</sup> /month)	Soluble Matter (g/m <sup>2</sup> /month)	Grand Total Solids (g/m <sup>2</sup> /month)
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG2	J0819/1	Fine Organic Matter Present	31	5,000	<4	3.16	1.40	1.76	0.55	3.72
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG3	J0819/2	Fine Organic Matter Present, Cloudy, Yellow	31	5,000	<4	1.64	1.23	0.41	2.65	4.29
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG4	J0819/3	Fine Organic Matter Present	31	5,000	<4	1.86	1.53	0.33	0.09	1.95
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG5	J0819/4	Fine Organic Matter Present, Yellow	31	5,000	<4	1.23	0.96	0.27	2.41	3.65
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG6	J0819/5	Fine Organic Matter Present, Yellow	31	5,000	<4	2.46	1.92	0.55	0.78	3.25
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG7	J0819/6	Fine Organic Matter Present	31	5,000	<4	1.30	0.96	0.34	0.55	1.85
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG8	J0819/7	Fine Organic Matter Present, Yellow	31	5,000	<4	1.25	0.94	0.31	1.48	2.73
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG9	J0819/8	Fine Organic Matter Present	31	5,000	<4	0.46	0.27	0.18	0.09	0.54
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG10	J0819/9	Fine Organic Matter Present, Yellow	31	5,000	<4	0.68	0.27	0.41	2.18	2.87
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG11	J0819/10	Fine Organic Matter Present	31	5,000	<4	0.73	0.55	0.18	0.09	0.82
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG12	J0819/11	Fine Organic Matter Present	31	5,000	<4	0.38	0.33	0.05	0.55	0.94
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG13	J0819/12	Fine Organic Matter Present, Yellow	31	5,000	<4	0.82	0.55	0.27	4.04	4.86
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG14	J0819/13	Fine Organic Matter Present, Yellow	31	5,000	<4	1.51	0.96	0.55	0.78	2.29
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG15	J0819/14	Fine Organic Matter Present	31	5,000	<4	1.00	0.73	0.27	0.09	1.09
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG16	J0819/15	Fine Organic Matter Present	31	5,000	<4	0.89	0.34	0.55	0.32	1.21
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG17	J0819/16	Fine Organic Matter Present, Yellow	31	3,200	<4	0.58	0.23	0.35	2.46	3.04
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG18	J0819/17	Fine Organic Matter Present, Yellow	31	5,000	<4	1.55	0.73	0.82	3.11	4.66
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG19	J0819/18	Fine Organic Matter Present, Yellow	31	5,000	<4	0.91	0.73	0.18	1.25	2.16
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG20	J0819/19	Fine Organic Matter Present	31	5,000	<4	1.02	0.70	0.31	0.32	1.34
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG21	J0819/20	Fine Organic Matter Present	31	5,000	<4	0.73	0.09	0.64	0.55	1.28
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG23	J0819/21	Fine Organic Matter Present	31	0,200	<4	0.38	0.26	0.12	0.00	0.38
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG24	J0819/22	Fine Organic Matter Present	31	5,000	<4	1.28	0.73	0.55	0.09	1.36
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG25	J0819/23	Fine Organic matter Present, Yellow	31	5,000	<4	1.92	1.10	0.82	4.04	5.96
SWC	Portion A S3	15/01/20 - Current	DDG26		unable to be collected due to flood water in Coldstream	N/A	N/A	<4	-	-	-	-	-
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG27	J0819/24	Fine Organic Matter Present	31	5,000	<4	1.25	0.86	0.39	0.00	1.25
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG28	J0819/25	Fine Organic Matter Present	31	5,000	<4	0.68	0.27	0.41	0.00	0.68
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG29	J0819/26	Fine Organic Matter Present	31	5,000	<4	0.44	0.22	0.22	1.02	1.46
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG30	J0819/27	Fine Organic Matter Present	31	5,000	<4	2.08	1.75	0.33	0.55	2.63
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG31	J0819/28	Fine Organic Matter Present	31	5,000	<4	0.99	0.55	0.44	0.32	1.30
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG32	J0819/29	Fine Organic Matter Present	31	5,000	<4	0.55	0.11	0.44	1.09	1.63
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG33	J0819/30	Fine Organic Matter Present	31	5,000	<4	0.91	0.46	0.46	0.09	1.00
SWC	Portion A S3	15/01/2020 - 14/02/2020	DDG34	J0819/31	Fine Organic Matter Present	31	5,000	<4	1.64	0.68	0.96	1.02	2.66
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG02	Tyndale	Full - overtopped	32	5,000	<4	0.9	0.4	0.5	0.8	1.7
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG03	Maloneys	Full - overtopped	32	5,000	<4	0.6	0.2	0.5	0.9	1.6
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG04	Byrons Lane	Full - overtopped	32	5,000	<4	1.8	0.3	1.5	4.6	6.4
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG05	Shark Creek	Full - overtopped	32	5,000	<4	0.9	0.2	0.7	1.1	1.9
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG07	Clyde Essex Drive	Full - overtopped	32	5,000	<4	4.4	1.1	3.3	9.9	14.3
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG1A	Schwonberg St	Full - overtopped	32	5,000	<4	2.1	0.4	1.8	1.6	3.8
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG08	Causleys	Full - overtopped	32	5,000	<4	0.5	0.2	0.3	0.9	1.4
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG09	BP Lane	Full - overtopped	32	5,000	<4	0.9	0.5	0.3	0.5	1.4
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG10	Visitor Info Centre	Full - overtopped	32	5,000	<4	1.2	0.3	0.9	1.6	2.8
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG11	Motel	Full - overtopped	32	5,000	<4	0.6	0.2	0.4	1.2	1.8
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG12	M1 Northey - Byron	Full - overtopped	32	5,000	<4	0.9	0.3	0.6	2.1	3.0
BGC	Portion A S4	20/01/2020 - 20/02/2020	DG13	Tyndale	Full - overtopped	32	5,000	<4	0.3	0.2	0.1	0.0	0.3
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-03	Farlows Lane, Maclean	Fine organic matter present	31	5,000	<4	0.5	0.5	0.0	0.5	1.1
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-04	Fill 5.1 East, FarlowsFlat	Fine organic matter present; insects present	31	5,000	<4	0.8	0.7	0.1	0.7	1.5
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-05	Fill 5.4 East, Yamba Interchange	Fine organic matter present; ants present	31	5,000	<4	1.3	0.7	0.5	0.2	1.5
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-06	Watts Lane	Fine organic matter present	31	5,000	<4	0.9	0.6	0.3	0.5	1.4
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-08	Serpentine Channel North	Fine organic matter present	31	5,000	<4	3.10	1.28	1.83	0.21	3.31
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-09	Chatsworth South East	Fine organic matter present	31	5,000	<4	1.64	0.82	0.82	1.24	2.89
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-10	Chatsworth Village	Fine organic matter present; beetles present	31	5,000	<4	0.8	0.4	0.4	0.8	1.6
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-11	Fischers Lane - Control Gauge	Fine organic matter present	31	5,000	<4	0.86	0.39	0.47	0.36	1.22

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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 S5	10/01/2020 - 10/02/2020	DDG 5-12	Fischers Lane	Fine organic matter present	31	5.000	<4	0.99	0.55	0.44	0.51	1.49
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-13	Mororo Bridge South West	Fine organic matter present	31	5.000	<4	1.92	1.37	0.55	0.36	2.27
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-14	Garretts Lane West	Fine organic matter present; beetles present	31	5.000	<4	1.75	1.75	0.00	0.21	1.96
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-15	Garretts Lane North	Fine organic matter present	31	5.000	<4	1.03	0.96	0.07	0.95	1.98
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-16	Ituka Road Compound	Fine organic matter present	31	5.000	<4	0.82	0.64	0.18	0.00	0.82
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-17	Woombah Woods Caravan Park	Fine organic matter present; insects present	31	5.000	<4	2.46	2.46	0.00	0.00	2.46
Pacific Complete	Portion B S5	10/01/2020 - 10/02/2020	DDG 5-18	Castles Stockpile Area	Fine organic matter present	31	5.000	<4	1.37	0.73	0.64	0.06	1.43
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG15	Ellern Property	Fine Org. Matter, Cloudy, Brown	33	4.95	<4	6.2	6.2	3.1	2.1	11.4
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG16	McLaren Property	Fine Org. Matter, Cloudy, Yellow	33	4.85	<4	12.8	12.8	3.3	1.9	18
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG17 Control	De-Winton Property	Dust Jar was damaged due to the local bushfires	33	4.35		6.1	6.1	1.7	1.4	9.2
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG18	Jacky Bulbin Road	Fine Org. Matter, Cloudy	33	4.45	<4	4.4	4.4	1.1	1.3	6.9
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG19	Rainbow	Fine Org. Matter, Cloudy, Yellow	33	4.2	<4	1	1	0.7	1.6	3.3
BMD	Portion C S6	18/12/2019 - 20/01/2020	DDG20	Devils Pulpit	Fine Org. Matter, Cloudy	33	5.2	<4	2.7	2.7	0.9	2.7	6.3
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 7 Control	J0968/1	Fine organic matter present	31	5	≤ 4	0.4				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 7-1	J0968/2	Fine organic matter present	31	5	≤ 4	0.5				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 7-2	J0968/3	Fine organic matter present	31	5	≤ 4	0.5				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 7-3	J0968/4	Fine organic matter present	31	5	≤ 4	1.2				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 8-1	J0968/5	Fine organic matter present	31	5	≤ 4	0.2				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 8-2	J0968/6	Fine organic matter present	31	5	<4	0.2				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 8-4	J0968/7	Fine organic matter present	31	5	≤ 4	0.2				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 8-5	J0968/8	Fine organic matter present	31	5	≤ 4	0.1				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 9-2	J0968/9	Fine organic matter present	31	5	≤ 4	0.1				
CPB	Portion C S7, 8 & 9	22/01/2020 - 21/02/2020	DDG 9-3	J0968/10	Fine organic matter present	31	5	≤ 4	0.1				