

January 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/m2/month													
Contractor	Location	Exposure Period - Date on / Date off (DD/MM/YY)	Sample Gauge Number	Sample Name	Sample Comments	Sampling Days	Sample Volume (L)	Laboratory Results					
								Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month) <4	Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
SWC	Portion A S3	13/12/19 - 15/01/20	HHK6	Ø837/1	Fine org. matter, cloudy, brown	33	1.000	<4	5.30	2.31	2.98	0.84	6.13
SWC	Portion A S3	13/12/19 - 15/01/20	HHK7	Ø837/2	Fine org. matter, cloudy, brown	33	0.900	<4	8.43	3.33	5.09	1.39	9.82
SWC	Portion A S3	13/12/19 - 15/01/20	HHK8	Ø837/3	Fine org. matter	33	1.000	<4	4.73	1.59	3.14	1.58	6.32
SWC	Portion A S3	13/12/19 - 15/01/20	HHK9	Ø837/4	Fine org. matter, cloudy, brown	33	0.850	<4	11.02	4.98	6.03	2.08	13.10
SWC	Portion A S3	13/12/19 - 15/01/20	HHK-	Ø837/5	Fine org. matter, cloudy, brown	33	0.900	<4	1.99	0.72	1.27	0.84	2.83
SWC	Portion A S3	13/12/19 - 15/01/20	HHK.	Ø837/6	Fine org. matter, cloudy, beetles	33	0.500	<4	3.37	1.77	1.59	0.57	3.94
SWC	Portion A S3	13/12/19 - 15/01/20	HHK<	Ø837/7	Fine org. matter, cloudy	33	0.800	<4	3.81	2.11	1.70	0.87	4.68
SWC	Portion A S3	13/12/19 - 15/01/20	HHK=	Ø837/8	Fine org. matter, cloudy, spider	33	0.750	<4	4.63	2.16	2.47	1.22	5.85
SWC	Portion A S3	13/12/19 - 15/01/20	HHK54	Ø837/9	Fine org. matter	33	0.750	<4	3.94	2.01	1.93	0.74	4.67
SWC	Portion A S3	13/12/19 - 15/01/20	HHK55	Ø837/10	Fine org. matter	33	0.900	<4	3.82	2.43	1.39	1.35	5.17
SWC	Portion A S3	13/12/19 - 15/01/20	HHK56	Ø837/11	Fine org. matter	33	0.750	<4	2.49	1.56	0.93	0.55	3.04
SWC	Portion A S3	13/12/19 - 15/01/20	HHK57	Ø837/12	Fine org. matter, cloudy, brown	33	0.900	<4	12.96	5.42	7.54	2.09	15.05
SWC	Portion A S3	13/12/19 - 15/01/20	HHK58	Ø837/13	Fine org. matter	33	1.000	<4	5.09	2.11	2.98	0.64	5.73
SWC	Portion A S3	13/12/19 - 15/01/20	HHK59	Ø837/14	Fine org. matter	33	1.100	<4	3.66	1.85	1.81	0.31	3.97
SWC	Portion A S3	13/12/19 - 15/01/20	HHK5:	Ø837/15	Fine org. matter	33	0.900	<4	2.15	1.06	1.09	0.40	2.55
SWC	Portion A S3	13/12/19 - 15/01/20	HHK5;	Ø837/16	Fine org. matter, cloudy, brown	33	0.110	<4	0.67	0.37	0.31	0.22	0.90
SWC	Portion A S3	13/12/19 - 15/01/20	HHK5<	Ø837/17	Fine org. matter, cloudy, brown	33	1.000	<4	5.45	2.62	2.83	1.53	6.98
SWC	Portion A S3	13/12/19 - 15/01/20	HHK5=	Ø837/18	Fine org. matter, cloudy, beetles	33	0.800	<4	3.59	1.76	1.84	1.40	5.00
SWC	Portion A S3	13/12/19 - 15/01/20	HHK64	Ø837/19	Fine org. matter	33	1.100	<4	3.55	1.74	1.81	0.50	4.04
SWC	Portion A S3	13/12/19 - 15/01/20	HHK65	Ø837/20	Fine org. matter	33	0.700	<4	2.05	1.15	0.90	0.91	2.97
SWC	Portion A S3	13/12/19 - 15/01/20	HHK67	Ø837/21	Fine org. matter	33	1.000	<4	3.57	1.47	2.39	0.59	4.15
SWC	Portion A S3	13/12/19 - 15/01/20	HHK68	Ø837/22	Fine org. matter	33	0.550	<4	2.90	1.45	1.45	0.63	3.54
SWC	Portion A S3	13/12/19 - 15/01/20	HHK69	Ø837/23	Fine org. matter, cloudy, brown	33	0.650	<4	3.71	1.34	2.37	2.93	6.65
SWC	Portion A S3	13/12/19 - 15/01/20	HHK6:	Ø837/24	Fine org. matter, cloudy, brown	33	0.500	<4	3.68	2.06	1.62	0.59	4.26
SWC	Portion A S3	13/12/19 - 15/01/20	HHK6;	Ø837/25	Fine org. matter	33	0.400	<4	1.61	1.32	0.29	0.42	2.03
SWC	Portion A S3	13/12/19 - 15/01/20	HHK6<	Ø837/26	Fine org. matter, cloudy	33	0.350	<4	2.11	1.62	0.49	0.34	2.45
SWC	Portion A S3	13/12/19 - 15/01/20	HHK6=	Ø837/27	Fine org. matter	33	1.200	<4	2.59	1.77	0.82	1.15	3.74
SWC	Portion A S3	13/12/19 - 15/01/20	HHK74	Ø837/28	Fine org. matter	33	1.000	<4	3.84	3.12	0.72	0.84	4.68
SWC	Portion A S3	13/12/19 - 15/01/20	HHK75	Ø837/29	Fine org. matter	33	1.000	<4	4.56	3.81	0.75	0.42	4.98
SWC	Portion A S3	13/12/19 - 15/01/20	DDG32	Ø837/30	Fine org. matter, brown	33	0.25	<4	2.48	2.02	0.4	0.02	2.48
SWC	Portion A S3	13/12/19 - 15/01/20	DDG33	Ø837/31	Fine org. matter, cloudy, brown, spiders	33	0.75	<4	2.65	2.08	0.6	0.68	3.33
SWC	Portion A S3	13/12/19 - 15/01/20	DDG34	Ø837/32	Fine org. matter, cloudy	33	0.75	<4	2.01	1.41	0.6	1.47	3.47
BGC	Portion A S4	18/12/19 - 20/01/20	DG02	Tyndale	Full - overtopped	33	5	<4	2.31	0.87	1.44	0.61	2.93
BGC	Portion A S4	18/12/19 - 20/01/20	DG03	Melloneys	Full - overtopped	33	5	<4	3.24	1.23	2.01	0.47	3.72
BGC	Portion A S4	18/12/19 - 20/01/20	DG04	Byrons Lane	Full - overtopped	33	5	<4	1.85	0.82	1.03	1.03	2.88
BGC	Portion A S4	18/12/19 - 20/01/20	DG05	Shark Creek	Full - overtopped	33	5	<4	1.13	0.51	0.62	2.14	3.27
BGC	Portion A S4	18/12/19 - 20/01/20	DG07	Clyde Essex Drive	Full - overtopped	33	5	<4	4.37	1.29	3.09	27.00	31.38
BGC	Portion A S4	18/12/19 - 20/01/20	DG1A	Schwonberg St	Full - overtopped	33	5	<4	1.70	0.67	1.03	1.03	2.73
BGC	Portion A S4	18/12/19 - 20/01/20	DG08	Causleys	Full - overtopped	33	5	<4	0.87	0.15	0.72	1.17	2.04
BGC	Portion A S4	18/12/19 - 20/01/20	DG09	BP Lane	Full - overtopped	33	5	<4	0.93	0.72	0.72	0.75	1.68
BGC	Portion A S4	18/12/19 - 20/01/20	DG10	Visitor Info Centre	Full - overtopped	33	5	<4	0.82	0.10	0.72	1.31	2.13
BGC	Portion A S4	18/12/19 - 20/01/20	DG11	Motel	Full - overtopped	33	5	<4	0.77	0.05	0.72	0.61	1.39
BGC	Portion A S4	18/12/19 - 20/01/20	DG12	M1 Norley - Byron	Full - overtopped	33	5	<4	0.67	0.10	0.57	0.06	0.73
BGC	Portion A S4	18/12/19 - 20/01/20	DG13	Tyndale	Full - overtopped	33	5	<4	1.03	0.15	0.87	0.63	1.73
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-03	Farlows Lane, Maclean	Fine org. matter	30	0.8	<4	1.40	0.97	0.44	0.83	2.24
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-04	Fill 5.1 East, FarlowsFlat	Fine org. matter, spiders	30	0.95	<4	1.53	0.83	0.70	1.09	2.62
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-05	Fill 5.4 East, Yamba Interchange	Fine org. matter, cloudy	30	1	<4	1.89	0.98	0.91	0.00	1.89

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									Total Suspended Solids (g/m2/month) <4	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	11/12/19 - 10/1/20	DDG 5-06	Watts Lane	Fine org. matter, cloudy, beetle	30	0.45	<4	1.43	0.95	0.47	0.84	2.27
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-08	Serpentine Channel North	Fine org. matter	30	0.85	<4	1.35	0.94	0.41	0.94	2.28
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-09	Chatsworth South East	Fine org. matter, cloudy, brown	30	0.8	<4	3.08	1.09	1.99	6.95	10.02
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-10	Chatsworth Village	fine org. matter, ants	30	0.55	<4	0.96	0.59	0.37	1.13	2.09
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-11	Fischers Lane - Control Gauge	Fine org. matter, cloudy	30	0.5	<4	1.91	1.40	0.51	1.06	2.97
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-12	Fischers Lane	Fine org. matter, cloudy, brown	30	0.55	<4	25.77	22.94	2.83	1.20	26.97
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-13	Mororo Bridge South West	Fine org. matter	30	0.8	<4	5.27	4.37	0.91	1.25	6.52
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-14	Garretts Lane West	Fine org. matter, ants	30	0.9	<4	1.40	0.99	0.41	0.70	2.10
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-15	Garretts Lane North	Fine org. matter	30	0.650	<4	1.54	1.18	0.37	0.90	2.45
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-16	Iluka Road Compound	Fine org. matter	30	0.650	<4	1.25	0.70	0.55	0.86	2.11
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-17	Woombah Woods Caravan Park	Fine org. matter	30	0.550	<4	1.41	0.93	0.48	0.70	2.11
Pacific Complete	Portion B S5	11/12/19 - 10/1/20	DDG 5-18	Castles Stockpile Area	Fine org. matter, ants	30	0.500	<4	1.00	0.69	0.31	0.83	1.83
BMD	Portion C S6	21/11/19 - 18/12/20	DDG15	Ellem Property	Fine Org. Matter, Cloudy, Brown	27	0.100	<4	6.60	4.50	2.20	0.70	7.40
BMD	Portion C S6	21/11/19 - 18/12/20	DDG16	McLaren Property	Fine Org. Matter, Cloudy, Yellow	27	0.200	<4	2.60	1.80	0.80	0.70	3.30
BMD	Portion C S6	21/11/19 - 18/12/20	DDG17	De-Winton Property / Control	Dust Jar was damaged due to the local bushfires	27	-	<4	-	-	-	-	-
BMD	Portion C S6	21/11/19 - 18/12/20	DDG18	Jacky Bulbin Road	Fine Org. Matter, Cloudy	27	0.550	<4	6.30	4.60	1.70	1.30	7.60
BMD	Portion C S6	21/11/19 - 18/12/20	DDG19	Rainbow	Fine Org. Matter, Cloudy, Yellow	27	0.550	<4	3.80	2.30	1.50	2.30	6.10
BMD	Portion C S6	21/11/19 - 18/12/20	DDG20	Devils Pulpit	Fine Org. Matter, Cloudy	27	0.550	<4	2.30	1.80	0.50	1.10	3.30
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 7	@130/1 - Control	Fine Org. Matter, Cloudy, Brown, Beetles	30	0.400	<4	5.00				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 7-1	@130/2	Fine Org. Matter	30	1.250	<4	7.99				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 7-2	@130/3	Fine Org. Matter, Cloudy, Brown	30	0.200	<4	5.98				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 7-3	@130/4	Fine Org. Matter, Cloudy	30	0.150	<4	1.77				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 8-1	@130/5	Fine Org. Matter	30	0.450	<4	3.00				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 8-2	@130/6	Fine Org. Matter, 0.20mL Milli Q added	30	0.200	<4	1.92				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 8-4	@130/7	Fine Org. Matter, 0.20mL Milli Q added	30	0.200	<4	0.65				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 8-5	@130/8	Fine Org. Matter, Cloudy, Brown, 0.20mL Milli Q added, Beetles	30	0.200	<4	2.54				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 9-2	@130/9	Fine Org. Matter, Brown	30	0.200	<4	2.97				
CPB	Portion C S7 8 9	20/11/19 - 18/12/19	DDG 9-3	@130/10	Fine Org. Matter, Brown	30	0.200	<4	7.72				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 7	@130/1 - Control	Fine org. matter, beetles	34	3.250	<4	1.55				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 7-1	@130/2	Fine org. matter	34	3.800	<4	3.79				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 7-2	@130/3	Fine org. matter	34	2.750	<4	3.24				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 7-3	@130/4	Fine org. matter	34	3.000	<4	2.85				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 8-1	@130/5	Fine org. matter	34	3.600	<4	1.62				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 8-2	@130/6	Fine org. matter, beetles	34	3.000	<4	3.95				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 8-4	@130/7	Fine org. matter, brown, cloudy	34	2.550	<4	0.25				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 8-5	@130/8	Fine org. matter, brown, cloudy, ants	34	3.100	<4	3.87				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 9-2	@130/9	Fine org. matter	34	2.800	<4	2.40				
CPB	Portion C S7 8 9	19/12/19 - 21/01/20	DDG 9-3	@130/10	Fine org. matter	34	2.800	<4	2.24				