

December 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/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 g/m2/month	Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK6	54635	Fine Org. Matter, Cloudy, Brown	29	0.150	<4	3.4	2.6	0.9	0.4	3.9
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK7	54636	Fine Org. Matter, Cloudy, Brown, 0.20mL Milli Q added	29	0.200	<4	2.8	1.8	0.9	0.8	3.6
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK8	54637	Fine Org. Matter, Cloudy, Brown	29	0.050	<4	2.2	1.4	0.8	0.5	2.6
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK9	54638	Fine Org. Matter, Cloudy, Brown	29	0.050	<4	5.3	3.2	2.0	0.0	5.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK10	54639	Fine Org. Matter, Cloudy, Brown	29	0.200	<4	4.8	3.3	1.5	0.7	5.5
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK11	54633	Fine Org. Matter, 0.20mL Milli Q added	29	0.200	<4	1.1	0.8	0.4	0.1	1.2
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK12	54633	Fine Org. Matter, 0.20mL Milli Q added	29	0.200	<4	2.1	2.1	0.0	0.3	2.5
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK13	54633	Fine Org. Matter, Cloudy, Brown	29	0.100	<4	2.5	1.5	1.0	0.8	3.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK54	54633	Fine Org. Matter, Cloudy, Brown, 0.20mL Milli Q added	29	0.200	<4	6.3	4.6	1.7	0.5	6.8
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK55	546354	Fine Org. Matter, Cloudy	29	0.100	<4	2.5	1.6	0.9	0.5	3.0
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK56	546355	Fine Org. Matter, Cloudy, 0.20mL Milli Q added	29	0.200	<4	2.6	2.0	0.6	0.2	2.8
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK57	546356	Fine Org. Matter, Cloudy, Brown, 0.20mL Milli Q added	29	0.200	<4	2.7	1.7	1.0	0.6	3.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK58	546357	Fine Org. Matter, Cloudy, Brown	29	0.050	<4	2.5	1.8	0.7	0.6	3.1
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK59	546358	Fine Org. Matter, Cloudy, Brown	29	0.150	<4	3.2	2.1	1.1	1.0	4.2
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK51	546359	Fine Org. Matter, Cloudy, Brown	29	0.100	<4	1.7	1.2	0.5	0.0	1.6
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK52	546351	Fine Org. Matter, 0.20mL Milli Q added	29	0.200	<4	0.9	0.7	0.2	0.0	0.9
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK53	546352	Fine Org. Matter, Cloudy, Brown	29	0.050	<4	2.2	1.5	1.0	3.1	3.1
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK54	546354	Fine Org. Matter, Cloudy, Brown, 0.20mL Milli Q added	29	0.200	<4	2.4	1.9	0.5	0.7	3.1
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK64	546355	Fine Org. Matter, Cloudy, Brown	29	0.150	<4	6.9	4.7	2.2	0.4	7.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK65	546364	Fine Org. Matter	29	0.050	<4	0.6	0.4	0.2	0.6	1.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK67	546365	Fine Org. Matter, Cloudy, Brown	29	0.100	<4	2.4	1.6	0.9	0.7	3.1
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK68	546366	Fine Org. Matter, Cloudy	29	0.150	<4	2.9	2.1	0.8	0.8	3.7
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK69	546367	Fine Org. Matter, Cloudy, Brown	29	0.180	<4	3.3	1.9	1.5	1.4	4.7
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK70	546368	Fine Org. Matter, Cloudy	29	0.210	<4	4.0	3.0	1.0	0.3	4.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK71	102/25	Fine Org. Matter, Cloudy	29	0.110	<4	2.4	1.6	0.7	0.0	2.4
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK66	102/26	Fine Org. Matter, Cloudy, Black	29	0.050	<4	3.3	2.7	0.6	0.0	3.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK67	102/27	Fine Org. Matter, Cloudy, Brown	29	0.130	<4	4.1	2.4	1.7	1.5	5.6
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK74	102/28	Fine Org. Matter, Cloudy, Brown	29	0.200	<4	3.5	2.8	0.7	0.8	4.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK75	102/29	Fine Org. Matter, Cloudy, Brown	29	0.150	<4	4.4	3.6	0.8	0.2	4.7
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK76	102/30	Fine Org. Matter, Cloudy	29	0.210	<4	3.8	3.1	0.7	0.4	4.3
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK77	102/31	Fine Org. Matter, Cloudy	29	0.050	<4	2.0	1.5	0.5	0.0	2.0
SWC	Portion A Section 3	14/11/2019 - 13/12/2019	HHK78	102/32	Fine Org. Matter, Cloudy	29	0.220	<4	1.9	1.3	0.6	0.9	2.8
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK46	Tyndale	fine org. matter	28	0.350	<4	3.4	2.2	0.6	4.0	4.0
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK47	Maloneys	ants, fine org. matter	28	0.400	<4	2.8	2.1	0.8	0.5	3.4
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK48	Byrons Lane	yellow, cloudy, fine org. matter	28	0.400	<4	6.2	2.8	3.4	6.0	12.2
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK49	Shark Creek	spider, cloudy, fine org. matter	28	0.350	<4	3.1	1.9	1.2	0.5	3.6
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK41	Clyde Essex Drive	brown, cloudy, fine org. matter	28	0.450	<4	21.5	4.7	16.8	17.0	38.5
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK50	Schwonberg St	cloudy, fine org. matter	28	0.600	<4	3.9	2.5	1.5	0.5	4.4
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK44	Causleys	cloudy, fine org. matter	28	0.600	<4	6.5	4.7	1.8	0.9	7.4
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK45	BP Lane	fine org. matter	28	0.550	<4	2.6	1.7	0.9	0.7	3.3
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK54	Visitor Info Centre	fine org. matter	28	0.500	<4	3.2	2.1	1.0	1.0	4.2
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK55	Motel	fine org. matter	28	0.750	<4	2.9	2.2	0.8	0.6	3.6
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK56	M1 Norley - Byron	cloudy, fine org. matter	28	0.600	<4	2.0	0.9	1.0	0.9	2.8
BGC	Portion A Section 4	20/11/2019 - 18/12/2019	HK57	Tyndale	brown, cloudy, fine org. matter	28	0.450	<4	3.6	2.1	1.6	2.4	6.1
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK317	Farlows Lane, Maclean	Fine Org Matter, Cloudy	30	0.200	<4	1.8	1.4	0.4	0.6	2.3
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK318	Fill 5.1 East, FarlowsFlat	Fine Org Matter, Cloudy, Brown	30	0.200	<4	2.08	1.15	0.93	1.90	3.98
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK319	Fill 5.4 East, Yamba Interchange	Fine Org. Matter, 0.20mL Milli Q added	30	0.200	<4	0.57	0.38	0.19	0.00	0.57
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK314	Watts Lane	Fine Org. Matter, Cloudy, Yellow	30	0.350	<4	3.96	2.82	1.14	2.77	6.73

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/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)
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK934c	Serpentine Channel North	Fine Org. Matter, Cloudy	30	0.300	<4	2.73	2.08	0.65	0.77	3.50
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK934e	Chatsworth South East	Fine Org. Matter, 0.20mL Milli Q added	30	0.200	<4	1.39	0.95	0.45	0.00	1.39
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK934d	Chatsworth Village	Fine Org. Matter, Cloudy, Black, Beetles	30	0.300	<4	8.35	5.30	3.06	3.00	11.36
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9355	Fischers Lane - Control Gauge	Fine Org. Matter, Brown	30	0.250	<4	3.76	2.91	0.85	1.22	4.99
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9356	Fischers Lane	Fine Org. Matter, Cloudy, Brown, Beetles	30	0.250	<4	38.23	29.68	8.54	5.86	44.09
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9357	Mororo Bridge South West	Fine Org. Matter, Cloudy	30	0.300	<4	5.42	4.30	1.11	2.03	7.45
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9358	Garretts Lane West	Fine Org. Matter, Cloudy	30	0.300	<4	2.98	2.27	0.71	0.71	3.69
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9359	Garretts Lane North	Fine Org. Matter, Cloudy, Brown	30	0.200	<4	3.10	2.30	0.79	1.46	4.56
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9351	Iluka Road Compound	Fine Org. Matter, Cloudy, Yellow	30	0.300	<4	3.63	2.77	0.87	0.66	4.29
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK9352	Woombah Woods Caravan Park	Fine Org. Matter, Cloudy, Brown	30	0.300	<4	5.11	4.24	0.87	1.10	6.21
Pacific Complete	Portion B Section 5	11/11/2019 - 11/12/2019	HHK935c	Castles Stockpile Area	Fine Org. Matter, Cloudy, Brown	30	0.250	<4	3.43	2.63	0.80	0.91	4.35
Golding	Portion B Section 5	dust results not available / report January	DDGS-07	Palm Lane	-	-	-	<4	-	-	-	-	-
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG15	Ellem Property	Fine Org. Matter, Cloudy, Ants	31	0.2	<4	0.8	0.6	0.2	0.1	1
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG16	McLaren Property	Fine Org. Matter	31	0.2	<4	0.9	0.7	0.2	0.2	1.1
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG17 Control	De-Winton Property	Fine Org. Matter	31	0.2	<4	0.4	0.3	0.1	0	0.3
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG18	Jacky Bulbin Road	Fine Org. Matter	31	0.2	<4	0.9	0.7	0.2	0	0.7
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG19	Rainbow	Fine Org. Matter	31	0.2	<4	0.3	0.3	0.0	0.6	0.9
BMD	Portion C Section 6	21/10/2019 - 21/11/2019	DDG20	Devils Pulpit	Fine Org. Matter	31	0.2	<4	0.4	0.3	0.1	0.1	0.5
CPB	Portion C S 7 & 9	dust results not available / report January	-	-	-	-	-	-	-	-	-	-	-
LendLease	Portion D Section 10 & 11	21/11/2019 - 18/12/2019	DDG10-06	6	Fine Org. Matter, Cloudy, Beetles	26	0.600	<4	2.30	1.72	0.57	0.86	3.16
LendLease	Portion D Section 10 & 11	21/11/2019 - 18/12/2019	DDG10-07	5	Fine Org. Matter, Cloudy, Ants	26	0.650	<4	2.89	2.16	0.72	1.64	4.53
LendLease	Portion D Section 10 & 11	21/11/2019 - 18/12/2019	DDG10-10	1	Fine Org. Matter, Bugs	26	0.550	<4	1.81	1.54	0.27	0.57	2.39
LendLease	Portion D Section 10 & 11	21/11/2019 - 18/12/2019	DDG11-02	4	Fine Org. Matter, Cloudy, Beetles	26	0.950	<4	4.71	2.98	1.74	3.13	7.85
LendLease	Portion F RRB	21/11/2019 - 18/12/2019	DDG 10 - 01	1	Broadwater Primary School had dismantled the gauge during the month. LLE collected the gauge from the ground. Monitoring non compliant so sample not sent to laboratory. Agreed with PC on 18/12/2019 to not re-establish.	26	-	<4	-	-	-	-	-
LendLease	Portion F RRB	21/11/2019 - 18/12/2019	DDG 10 - 02	2	Fine Org. Matter, Beetle	26	0.500	<4	1.81	1.52	0.29	0.69	2.50
LendLease	Portion F RRB	21/11/2019 - 18/12/2019	DDG 10 - 03	3	Fine Org. Matter, Cloudy, Brown, Beetles	26	0.550	<4	2.06	1.27	0.79	1.48	3.54