

October 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)	Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month) <4	Laboratory Results			
										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	14/09/2019 - 14/10/2019	DDG2	6846/1	fine org. matter	30	0.200	<4	1.76	1.17	0.59	0.61	2.37
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG3	6846/2	fly, fine org. matter	30	0.200	<4	1.10	0.64	0.46	0.48	1.59
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG4	6846/3	fine org. matter	30	0.350	<4	1.51	0.94	0.57	0.49	2.00
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG5	6846/4	yellow, fine org. matter	30	0.100	<4	3.77	2.04	1.73	1.64	5.41
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG6	6846/5	yellow, fine org. matter	30	0.300	<4	0.87	0.50	0.38	0.50	1.37
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG7	6846/6	fine org. matter	30	0.300	<4	2.56	1.73	0.83	0.71	3.27
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG8	6846/7	0.2 L milli Q added, fine org. matter	30	0.350	<4	0.76	0.49	0.27	0.44	1.21
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG9	6846/8	fine org. matter	30	0.300	<4	2.24	1.34	0.91	0.63	2.87
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG10	6846/9	fine org. matter	30	0.200	<4	2.23	1.34	0.89	0.87	3.10
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG11	6846/10	fine org. matter	30	0.500	<4	1.24	0.75	0.50	0.54	1.78
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG12	6846/11	fine org. matter	30	0.500	<4	0.95	0.64	0.32	0.56	1.52
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG13	6846/12	fine org. matter, brown	30	0.500	<4	1.83	0.77	1.06	0.82	2.66
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG14	6846/13	large org. matter	30	0.450	<4	1.58	1.06	0.52	0.83	2.41
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG15	6846/14	large org. matter	30	0.400	<4	0.20	0.12	0.08	0.00	0.20
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG16	6846/15	fine org. matter	30	0.550	<4	0.86	0.60	0.25	0.32	1.17
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG17	6846/16	fine org. matter	30	0.070	<4	1.27	0.80	0.47	0.52	1.79
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG18	6846/17	fine org. matter, brown	30	0.300	<4	10.83	7.59	3.24	1.69	12.52
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG19	6846/18	fine org. matter	30	0.350	<4	0.87	0.65	0.23	0.00	0.87
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG20	6846/19	fine org. matter	30	0.550	<4	0.70	0.42	0.27	0.04	0.74
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG21	6846/20	beetle, fine org. matter	30	0.130	<4	0.43	0.31	0.12	0.00	0.43
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG23	6846/21	fine org. matter	30	0.300	<4	2.33	1.37	0.96	1.07	3.41
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG24	6846/22	fine org. matter	30	0.090	<4	2.21	1.87	0.34	0.55	2.75
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG25	6846/23	fine org. matter, brown	30	0.500	<4	1.97	1.17	0.80	1.31	3.28
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG26	6846/24	fine org. matter	30	0.600	<4	1.73	1.24	0.48	0.42	2.14
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG27	6846/25	fine org. matter	30	0.300	<4	2.91	1.95	0.96	0.63	3.54
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG29	6846/26	fine org. matter, yellow	30	0.500	<4	1.98	0.85	0.73	1.26	2.84
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG30	6846/27	fine org. matter, brown	30	0.500	<4	1.57	1.08	0.51	0.00	1.57
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG31	6846/28	fine org. matter	30	0.300	<4	1.34	0.83	0.51	0.34	1.68
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG32	6846/29	fine org. matter, cloudy	30	0.100	<4	1.49	0.29	1.19	0.00	1.49
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG33	6846/30	spider, fine org. matter	30	0.300	<4	1.85	1.09	0.75	0.64	2.49
SWC	Portion A Section 3	14/09/2019 - 14/10/2019	DDG34	6846/31	yellow, fine org. matter	30	0.070	<4	3.13	1.78	1.35	2.76	5.89
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG02	Tyndale	fine org. matter	31	0.550	<4	1.20	1.00	0.20	0.50	1.70
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG03	Maloneys	ants, fine org. matter	31	0.430	<4	1.40	0.80	0.50	0.60	1.90
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG04	Byrons Lane	cloudy, fine org. matter	31	0.670	<4	3.60	2.10	1.50	3.50	7.10
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG05	Shark Creek	brown, fine org. matter	31	0.450	<4	30.10	27.20	2.90	1.60	31.60
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG07	Clyde Essex Drive	brown, fine org. matter	31	0.670	<4	8.60	3.80	4.80	13.60	22.10
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG1A	Schwonberg St	fine org. matter	31	0.700	<4	1.10	0.80	0.30	0.50	1.60
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG08	Causleys	bugs, fine org. matter	31	0.760	<4	0.80	0.60	0.20	0.80	1.70
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG09	BP Lane	yellow, fine org. matter	31	0.950	<4	1.60	1.20	0.30	0.90	2.50
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG10	Visitor Info Centre	spiders, fine org. matter	31	0.720	<4	1.10	0.60	0.60	0.90	2.00
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG11	Motel	fine org. matter	31	0.750	<4	1.10	0.90	0.10	0.50	1.50
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG12	M1 Norley - Byron	fine org. matter	31	0.480	<4	0.70	0.50	0.20	0.60	1.30
BGC	Portion A Section 4	20/09/2019 - 21/10/2019	DG13	Tyndale	brown, fine org. matter	31	0.550	<4	7.90	4.90	3.00	5.00	12.90
Golding	Portion B Section 5	22/08/2019 - 22/09/2019	DDG5-07	Palm Lane	brown, fine org. matter	29	0.080	<4	0.60	0.40	0.20	0.00	0.60
Golding	Portion B Section 5	22/09/2019 - 22/10/2019	DDG5-07	Palm Lane	fine org. matter	29	0.110	<4	0.60	0.40	0.20	0.50	1.10
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-03	Farlows Lane, Maclean	fine org. matter	28	0.400	<4	1.4	1.1	0.3	0.8	2.2
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-04	Fill 5.1 East, FarlowsFlat	ants, moths, fine org. matter	28	0.500	<4	0.8	0.5	0.3	0.7	1.6
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-05	Fill 5.4 East, Yamba Interchange	fine org. matter	28	0.550	<4	1.5	1.2	0.3	1.2	2.7
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-06	Watts Lane	moths, brown, cloudy, fine org. matter	28	0.200	<4	2.6	2.2	0.4	0.6	3.2
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-08	Serpentine Channel North	fine org. matter	28	0.550	<4	1.63	0.85	0.78	0.82	2.45
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-09	Chatsworth South East	cloudy, fine org. matter	28	0.600	<4	2.33	1.36	0.96	1.00	3.33

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	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	13/09/2019 - 11/10/2019	DDG 5-10	Chatsworth Village	beetles, fine org. matter	28	0.500	≤ 4	1.0	0.7	0.3	0.9	1.9
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-11	Fischers Lane - Control Gauge	ants, moth, fine org. matter	28	0.650	≤ 4	1.32	0.97	0.35	0.97	2.29
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-12	Fischers Lane	bug, cloudy, fine org. matter	28	0.450	≤ 4	3.60	2.07	1.53	2.26	5.86
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-13	Mororo Bridge South West	fine org. matter	28	0.500	≤ 4	2.29	1.74	0.55	0.98	3.27
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-14	Garretts Lane West	fine org. matter	28	0.500	≤ 4	1.41	0.97	0.44	0.69	2.10
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-15	Garretts Lane North	brown, cloudy, fine org. matter	28	0.300	≤ 4	2.55	1.16	1.38	3.91	6.45
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-16	Iluka Road Compound	fine org. matter	28	0.350	≤ 4	1.63	1.28	0.35	0.74	2.38
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-17	Wombah Woods Caravan Park	cloudy, fine org. matter	28	0.250	≤ 4	2.06	1.36	0.70	0.64	2.70
Pacific Complete	Portion B Section 5	13/09/2019 - 11/10/2019	DDG 5-18	Castles Stockpile Area	spider, cloudy, fine org. matter	28	0.300	≤ 4	1.31	0.94	0.37	0.89	2.20
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG15	Ellem Property	brown, cloudy, fine org. matter	30	0.150	≤ 4	2.00	1.00	1.00	3.90	5.90
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG16	McLaren Property	fine org. matter	30	0.100	≤ 4	2.20	1.80	0.40	0.30	2.50
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG17 Control	De-Winton Property	fine org. matter	30	0.050	≤ 4	0.60	0.40	0.00	0.00	0.60
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG18	Jacky Bulbin Road	0.2L Milli Q added, fine org. matter	30	0.220	≤ 4	1.10	0.70	0.20	0.20	1.30
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG19	Rainbow	0.2L Milli Q added, fine org. matter	30	0.200	≤ 4	1.30	1.10	0.00	0.00	1.30
BMD	Portion C Section 6	21/08/2019 - 20/09/2019	DDG20	Devils Pulpit	0.2L Milli Q added, fine org. matter	30	0.200	≤ 4	1.30	0.80	0.00	0.00	1.30
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 7 Control	I71381	ants, cloudy, fine org. matter	28	0.870	≤ 4	1.55				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 7-1	I71382	fine org. matter	28	0.440	≤ 4	0.98				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 7-2	I71383	fine org. matter	28	0.950	≤ 4	3.19				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 7-3	I71384	fine org. matter	28	0.750	≤ 4	1.00				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 8-1	I71385	cloudy, fine org. matter	28	0.580	≤ 4	1.24				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 8-2	I71386	fine org. matter	28	0.120	≤ 4	1.83				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 8-4	I71387	brown, fine org. matter	28	0.210	≤ 4	0.93				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 8-5	I71388	fine org. matter	28	0.180	≤ 4	1.13				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 8-2	I71389	fine org. matter	28	0.150	≤ 4	1.24				
CPB	Portion C S 7, 8 & 9	25/09/2019 - 23/10/2019	DDG 9-3	I71390	fine org. matter	28	0.110	≤ 4	0.62				
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-03	1	yellow, fine org. matter	30	0.700	≤ 4	2.24	1.14	1.10	0.00	2.24
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-04	2	fine org. matter	30	0.650	≤ 4	0.92	0.39	0.53	0.00	0.92
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-05	3	ants, fine org. matter	30	0.350	≤ 4	0.78	0.42	0.37	0.42	1.20
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-06	4	fine org. matter	30	0.110	≤ 4	0.28	0.14	0.14	0.00	0.28
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-07	5	fine org. matter	30	0.200	≤ 4	0.71	0.46	0.24	0.27	0.98
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-08	6	spider, yellow, fine org. matter	30	0.200	≤ 4	2.57	0.93	1.64	1.38	3.95
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-09	7	yellow, fine org. matter	30	0.150	≤ 4	0.93	0.37	0.56	0.00	0.93
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-10	8	fine org. matter	30	0.090	≤ 4	0.30	0.14	0.16	0.00	0.30
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG10-11	9	fine org. matter	30	0.140	≤ 4	1.35	0.93	0.41	0.00	1.35
LendLease	Portion D S10 & 11	19/07/2019-21/08/2019	DDG10-12	10	fine org. matter	30	0.070	≤ 4	0.65	0.43	0.22	0.00	0.65
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG11-01	11	moth, fine org. matter	30	0.120	≤ 4	0.71	0.41	0.30	0.00	0.71
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG11-02	12	ants, fine org. matter	30	0.090	≤ 4	0.56	0.34	0.22	0.00	0.56
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG11-03	13	cloudy, fine org. matter	30	0.250	≤ 4	3.23	0.75	2.47	1.08	4.31
LendLease	Portion D S10 & 11	21/08/2019-20/09/2019	DDG11-04	14	ants, cloudy, fine org. matter	30	0.120	≤ 4	1.48	0.87	0.61	0.51	1.98
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-03	15	leaf, fine org. matter	30	0.240	≤ 4	0.86	0.62	0.52	0.52	1.38
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-04	16	cloudy, ants, fine org. matter	30	0.120	≤ 4	1.47	0.91	0.57	2.12	3.59
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-05	-	Sample Void- Funnel found on ground at monitoring location	-	-	≤ 4	-	-	-	-	-
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-06	17	yellow, mosquitos, fine org. matter	30	0.100	≤ 4	0.77	0.59	0.18	0.00	0.77
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-07	18	mosquitos, fine org. matter	30	0.080	≤ 4	0.36	0.31	0.06	0.48	0.36
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-08	19	fine org. matter, brown	30	0.110	≤ 4	2.07	1.29	0.78	0.00	2.55
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-09	20	fine org. matter	30	0.110	≤ 4	0.65	0.51	0.14	0.00	0.65
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-10	21	fine org. matter	30	0.080	≤ 4	0.66	0.53	0.13	0.34	0.66
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-11	22	...	30	0.160	≤ 4	0.41	0.36	0.05	0.00	0.41
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG10-12	23	...	30	0.080	≤ 4	0.73	0.58	0.15	0.05	0.73
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG11-01	24	...	30	0.150	≤ 4	0.50	0.38	0.12	1.99	0.55
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG11-02	25	fine org. matter, black	30	0.130	≤ 4	4.41	2.10	2.32	0.57	6.40
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG11-03	26	cloudy, spiders, fine org. matter	30	0.070	≤ 4	1.86	1.29	0.57	6.42	2.43
LendLease	Portion D S10 & 11	20/09/2019-20/10/2019	DDG11-04	27	fine org. matter, black	30	0.090	≤ 4	4.33	1.63	2.70	2.27	10.75
LendLease	RRB	21/08/2019 - 20/09/2019	DDG 10-02	RRB - S	-	30	0.600	≤ 4	10.28	0.54	9.73	0.00	10.28
LendLease	RRB	21/08/2019 - 20/09/2019	DDG 10-03	RRB - N	-	30	0.700	≤ 4	2.24	1.14	1.10	0.00	2.24
LendLease	RRB	21/08/2019 - 20/09/2019	DDG 10-01	RRB - C	-	30	0.500	≤ 4	0.70	0.47	0.25	11.68	12.39
LendLease	RRB	20/09/2019 - 20/10/2019	DDG 10-02	RRB - S	-	30	0.240	≤ 4	6.02	1.95	4.07	10.60	16.62

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)
LendLease	RRB	20/09/2019 - 20/10/2019	DDG 10-03	RRB - N	-	30	0.240	≤ 4	0.86	0.62	0.24	0.52	1.38
LendLease	RRB	20/09/2019 - 20/10/2019	DDG 10-01	RRB - C	-	30	0.220	≤ 4	2.10	1.46	0.62	0.46	2.56