

May 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/m ² /month													
Contractor	Location	Exposure Period - Date on / Date off (DD/MM/YY)	Sample Name	Sample Number	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m ² /month)	Total Suspended Solids (g/m ² /month)	Laboratory Results			
										Ash (g/m ² /month)	Combustible Matter (g/m ² /month)	Soluble Matter (g/m ² /month)	Grand Total Solids (g/m ² /month)
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG20	H0589/19	..	32	0.240	<4	0.3	0.1	0.2	0.2	0.5
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG21	H0589/20	dry/o.2L milk added	32	0.200	<4	0.3	0.1	0.1	1.4	1.7
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG22	H0589/21	insects/org. matter	32	0.750	<4	1.2	0.6	0.7	1.8	3.0
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG23	H0589/22	fine org. matter	32	0.740	<4	0.2	0.1	0.1	1.7	2.0
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG24	H0589/23	..	32	0.520	<4	0.5	0.3	0.1	1.7	2.1
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG25	H0589/24	yellowish/org. matter	32	0.440	<4	0.7	0.3	0.4	2.0	2.7
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG26	H0589/25	fine org. matter	32	0.600	<4	0.6	0.3	0.3	1.7	2.3
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG27	H0589/26	fine org. matter	32	0.680	<4	1.0	0.6	0.4	1.9	2.9
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG28	H0589/27	insects/fine org. matter	32	0.670	<4	0.7	0.3	0.3	1.9	2.5
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG29	H0589/28	green/algae present/org. matter	32	0.430	<4	5.6	0.8	4.8	9.5	15.1
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG30	H0589/29	org. matter	32	0.570	<4	0.6	0.3	0.4	1.8	2.5
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG31	H0589/30	org. matter	32	0.740	<4	0.9	0.4	0.5	1.9	2.8
SWC	Portion A Section 3	19/04/2018 - 21/05/2018	DDG32	H0589/31	yellowish/org. matter	32	0.380	<4	1.1	0.2	0.9	0.6	1.7
BGC	Portion A Section 4	19/04/2018 - 21/05/2018	Tyndale	DG02	..	32	0.850	<4	0.2	0.0	0.2	1.7	1.9
BGC	Portion A Section 4	19/04/2018-21/05/2018	Maloneys	DG03	ants/light brown/org. matter	32	1.500	<4	1.8	0.2	1.6	8.2	10.0
BGC	Portion A Section 4	19/04/2018-21/05/2018	Byrons Lane	DG04	org. matter	32	0.300	<4	0.5	0.3	0.2	1.6	2.1
								<4	9.1	3.7	5.4	5.0	14.0
BGC	Portion A S4	19/04/2018-21/05/2018	Shark Creek	DG05	light brown/org. matter	32	1.600						
BGC	Portion A S4	19/04/2018-21/05/2018	Schwonberg St	DG06	..	32	1.100	<4	0.3	0.1	0.2	1.4	1.7
								<4	7.4	0.4	7.0	14.1	21.5
BGC	Portion A S4	19/04/2018-21/05/2018	Clyde Essex Dr	DG07	brown/org. matter	32	1.240						
BGC	Portion A S4	19/04/2018-21/05/2018	Causleys	DG08	org. matter	32	1.380	<4	1.4	0.1	1.3	2.4	3.7
BGC	Portion A S4	19/04/2018-21/05/2018	BP Ln	DG09	..	32	1.280	<4	0.8	0.6	0.2	2.0	2.8
BGC	Portion A S4	19/04/2018-21/05/2018	Visitor info centre	DG10	ants	32	1.000	<4	0.4	0.1	0.3	2.0	2.4
BGC	Portion A S4	19/04/2018-21/05/2018	Motel	DG11	..	32	1.000	<4	0.4	0.2	0.2	1.7	2.2
BGC	Portion A S4	19/04/2018-21/05/2018	M1 Norley - Byron	DG12	..	32	1.000	<4	0.0	0.0	0.0	1.7	1.7
BGC	Portion A S4	19/04/2018-21/05/2018	Tyndale	DG13	limited sample	32	0.010	<4	0.1	0.0	0.1	0.7	0.9
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Watts Lane	DDG5-06	Cloudy	25	1.000	<4	6.5	5.9	0.6	0.0	6.5
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Serpentine Channel North	DDG5-08	Fine organic matter	25	1.250	<4	1.6	0.8	0.7	0.3	1.9
								<4	1.1	0.5	0.6	0.2	1.3
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Chatsworth South East	DDG 5- 09	Organic matter	25	0.900						
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Fischers Lane - Control Gauge	DDG 5- 11	---	25	1.150	<4	0.6	0.3	0.3	0.3	0.9
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Fischers Lane	DDG 5- 12	Light brown / organic matter	25	0.950	<4	2.6	0.6	2.0	4.2	6.7
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Mororo Bridge South West	DDG 5- 13	---	25	1.170	<4	1.1	0.8	0.3	0.0	1.1
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Garretts Lane West	DDG 5- 14	Organic matter	25	0.980	<4	1.3	0.7	0.6	0.2	1.5
								<4	2.5	1.1	1.3	3.2	5.7
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Garretts Lane North	DDG 5- 15	Cloudy / organic matter	25	1.100						
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Iluka Road Compound	DDG 5- 16	Organic matter	25	0.970	<4	0.5	0.2	0.2	0.1	0.6
Pacific Complete	Portion B S5	27/04/2018 - 22/05/2018	Woombah Woods Caravan P	DDG 5- 17	---	25	0.970	<4	0.6	0.2	0.4	0.1	0.7
BMD	Portion B S6	21/03/2018 - 20/04/2018	Ellem Property	DDG15	insects	30	1.060	<4	0.8	0.0	0.8	1.8	2.7
BMD	Portion B S6	21/03/2018 - 20/04/2018	McLaren Property	DDG16	insects	30	1.130	<4	0.3	0.0	0.3	1.3	1.7
BMD	Portion B S6	21/03/2018 - 20/04/2018	De-Winton Property	Control DDG17	insects	30	1.320	<4	0.3	0.0	0.3	1.4	1.6

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										Ash (g/m2/month)	Combustible Matter (g/m2/month)	Soluble Matter (g/m2/month)	Grand Total Solids (g/m2/month)
BMD	Portion B S6	21/03/2018 - 20/04/2018	Jacky Bulbin Road	DDG18	org. matter	30	1,710	< 4	0.7	0.3	0.4	1.9	2.6
BMD	Portion B S6	21/03/2018 - 20/04/2018	Rainbow	DDG19	org. matter	30	1,800	< 4	0.2	0.0	0.2	1.6	1.8
BMD	Portion B S6	21/03/2018 - 20/04/2018	Devils Pulpit	DDG20	insects	30	1,300	< 4	0.3	0.0	0.3	1.4	1.7
Golding	Portion B S5	22/04/2018 - 24/05/2018	DDG 5-07	1	TSS mg/m2/day = 14	32	0,890	< 4	0.4				0.4
SEE Civil	Portion B VAR 40	May-18	Highland Ridge, Maclean - MCC	DDG 5-02		30		< 4					
SEE Civil	Portion B VAR 40	May-18	Farlows Lane, Maclean - MCC	DDG 5-03	Organic material present	30		< 4					
SEE Civil	Portion B VAR 40	May-18	Fill 5.1 East - MCC	DDG4	DDG 5-04	Organic material/insects present	30	< 4					
SEE Civil	Portion B VAR 40	May-18	Fill 5.4 South - MCC	DDG5	DDG 5-05	Significant organic material present	30	< 4					
CPB	Portion C	27/4/2018 - 22/5/2018						< 4					
Quickway	Portion D	10/04/2018 / 05/05/2018	H0282/1	DDG10-11	Some organic matter	29	2,940	< 4	1.1	0.9	0.2	1.6	2.7
Lend/Lease	Portion D	May-18	DDG01	1	Some material in funnel.	32	1,350	< 4	1.1				
Lend/Lease	Portion D	May-18	DDG02	2	Spider web across funnel. Some material visible in sample.	32	1,490	< 4	1.0	0.4	0.6	2.0	3.0
Lend/Lease	Portion D	May-18	DDG03	3	Clean funnel Lab- small org. matter	32	1,780	< 4	0.7	0.3	0.4	2.1	2.8
Lend/Lease	Portion D	May-18	DDG04	4	Some material visible in sample	32	2,200	< 4	0.4	0.0	0.4	2.1	2.5
Lend/Lease	Portion D	May-18	DDG05	5	Some grass in funnel. Some material visible in sample. Lab- org matter	32	1,920	< 4	0.8	0.3	0.5	2.0	2.8
Lend/Lease	Portion D	May-18	DDG06	6	Clean funnel. Some material visible in sample	32	2,030	< 4	0.6	0.1	0.5	2.1	2.7
Lend/Lease	Portion D	May-18	DDG07	7	Clean funnel. Area recently slashed. Some material visible in sample. Lab- org. matter	32	2,150	< 4	1.2	0.7	0.5	2.2	3.4
Lend/Lease	Portion D	May-18	DDG08	8	Clean funnel. Very little material visible in sample	32	1,980	< 4	0.7	0.2	0.5	1.9	2.5
Lend/Lease	Portion D	May-18	DDG09	9	Clean funnel	32	1,200	< 4	0.2	0.1	0.1	0.0	0.0
Lend/Lease	Portion D	May-18	DDG10	10	Mass of woodchip at base of sample location. Sample contained visible woodchip material. Need to consult with owner. Lab- yellow/brown/org. matter	32	1,600	< 4	11.8	0.8	10.9	1.9	13.7
Lend/Lease	Portion D	May-18	DDG11	11	Clean funnel. Little material visible in sample	32	1,790	< 4	0.4	0.2	0.2	1.6	2.0
Lend/Lease	Portion D	May-18	DDG12	12	Grass in funnel. Nearby works-concrete slab layed during monitoring period. Lab- cloudy org. matter	32	1,600	< 4	3.8	1.7	2.1	2.8	6.6
Lend/Lease	Portion D	May-18	DDG13	13	Clean funnel. Lab- small org. matter	32	1,930	< 4	0.5	0.1	0.3	0.8	1.3
Lend/Lease	Portion D	May-18	Control		Sample location vandalised - Monitoring equipment stolen. No sample taken.			< 4					
AFHJV	Portion E	29/03/2018 - 30/4/2018	DDG1	DDG1	some org. matter	32	1,200	< 4	0.8	0.3	0.5	1.2	2.0
AFHJV	Portion E	29/03/2018 - 30/4/2018	DDG2	DDG2	some org. matter	32	1,190	< 4	0.8	0.2	0.6	1.5	2.3
AFHJV	Portion E	29/03/2018 - 30/4/2018	DDG3	DDG3	..	32	0,960	< 4	1.4	1.0	0.4	1.1	2.5
AFHJV	Portion E	29/03/2018 - 30/4/2018	DDG4	DDG4	..	32	0,990	< 4	0.5	0.1	0.4	1.2	1.7
AFHJV	Portion E	29/03/2018 - 30/4/2018	DDG5	DDG5	..	32	1,190	< 4	1.2	0.6	0.6	1.4	2.5
Lend/Lease	Portion F	May-18	RRB - S			33	1,300	< 4	0.1				
Lend/Lease	Portion F	May-18	RRB - N			33	1,350	< 4	1.1				
Lend/Lease	Portion F	May-18	RRB - C			33	1,250	< 4	0.8				
Georgiou	Portion G	5/4/18 - 4/5/18	Pimlico road - control	DDG 11 - 05		29	4,300	< 4	0.1	0.0	0.1	1.9	2.1
Georgiou	Portion G	5/4/18 - 4/5/18	Pac Hwy Sth	DDG 11 - 06		29	3,450	< 4	0.6	0.0	0.6	2.5	3.2
Georgiou	Portion G	5/4/18 - 4/5/18	Smith Drive nrth	DDG 11 - 07	Some org. matter	29	3,550	< 4	0.0	0.0	0.0	2.7	2.7