

## May 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	Laboratory Results							
						Sampling Days	Sample Volume (L)	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	A S3	18/4/2020 - 14/5/2020	DDG2	J3891/1	..	29	0.30	≤ 4	0.3	0.1	0.2	0.1	0.4
SWC	A S3	18/4/2020 - 14/5/2020	DDG3	J3891/2	Brown	29	0.14	≤ 4	0.4	0.2	0.2	0.2	0.6
SWC	A S3	18/4/2020 - 14/5/2020	DDG4	J3891/3	..	29	0.31	≤ 4	0.4	0.3	0.1	0.3	0.7
SWC	A S3	18/4/2020 - 14/5/2020	DDG5	J3891/4	..	29	0.28	≤ 4	0.3	0.1	0.1	0.1	0.4
SWC	A S3	18/4/2020 - 14/5/2020	DDG6	J3891/5	..	29	0.28	≤ 4	0.3	0.2	0.1	0.1	0.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG7	J3891/6	Cloudy	29	0.25	≤ 4	0.8	0.5	0.3	0.2	1.0
SWC	A S3	18/4/2020 - 14/5/2020	DDG8	J3891/7	Yellow	29	0.23	≤ 4	0.2	0.2	0.0	0.1	0.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG9	J3891/8	Leaves	29	0.27	≤ 4	0.2	0.2	0.1	0.1	0.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG10	J3891/9	Cloudy	29	0.24	≤ 4	1.3	0.8	0.5	0.6	2.0
SWC	A S3	18/4/2020 - 14/5/2020	DDG11	J3891/10	..	29	0.34	≤ 4	0.1	0.1	0.1	0.1	0.0
SWC	A S3	18/4/2020 - 14/5/2020	DDG12	J3891/11	..	29	0.31	≤ 4	0.1	0.1	0.1	0.1	0.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG13	J3891/12	Brown	29	0.27	≤ 4	0.4	0.2	0.2	0.4	0.8
SWC	A S3	18/4/2020 - 14/5/2020	DDG14	J3891/13	Leaf	29	0.31	≤ 4	0.2	0.1	0.0	0.2	0.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG16	J3891/14	..	29	0.21	≤ 4	0.1	0.1	0.0	0.1	0.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG17	J3891/15	..	29	0.02	≤ 4	0.1	0.1	0.0	0.0	0.1
SWC	A S3	18/4/2020 - 14/5/2020	DDG18	J3891/16	Leaves	29	0.14	≤ 4	0.6	0.4	0.3	0.4	0.9
SWC	A S3	18/4/2020 - 14/5/2020	DDG19	J3891/17	..	29	0.15	≤ 4	0.5	0.2	0.3	0.0	0.5
SWC	A S3	18/4/2020 - 14/5/2020	DDG20	J3891/18	..	29	0.27	≤ 4	0.3	0.1	0.2	0.1	0.4
SWC	A S3	18/4/2020 - 14/5/2020	DDG21	J3891/19	Cloudy	29	0.24	≤ 4	1.9	1.2	0.7	0.5	2.4
SWC	A S3	18/4/2020 - 14/5/2020	DDG23	J3891/20	Spiders	29	0.30	≤ 4	0.5	0.2	0.4	0.4	0.9
SWC	A S3	18/4/2020 - 14/5/2020	DDG24	J3891/21	..	29	0.17	≤ 4	0.2	0.2	0.0	0.2	0.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG25	J3891/22	Brown	29	0.15	≤ 4	0.7	0.1	0.6	0.5	1.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG26	J3891/23	..	29	0.21	≤ 4	0.2	0.1	0.0	0.0	0.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG27	J3891/24	..	29	0.24	≤ 4	0.2	0.1	0.0	0.0	0.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG28	J3891/25	..	29	0.14	≤ 4	1.4	1.2	0.1	0.0	1.4
SWC	A S3	18/4/2020 - 14/5/2020	DDG29	J3891/26	Cloudy	29	0.23	≤ 4	1.5	0.7	0.8	0.6	2.1
SWC	A S3	18/4/2020 - 14/5/2020	DDG30	J3891/27	..	29	0.18	≤ 4	0.5	0.2	0.2	0.2	0.6
SWC	A S3	18/4/2020 - 14/5/2020	DDG31	J3891/28	Yellow	29	0.27	≤ 4	0.3	0.1	0.2	0.1	0.5
SWC	A S3	18/4/2020 - 14/5/2020	DDG32	J3891/29	..	29	0.08	≤ 4	0.2	0.1	0.1	0.0	0.2
SWC	A S3	18/4/2020 - 14/5/2020	DDG33	J3891/30	..	29	0.35	≤ 4	0.9	0.5	0.4	0.3	1.3
SWC	A S3	18/4/2020 - 14/5/2020	DDG34	J3891/31	..	29	0.30	≤ 4	0.3	0.2	0.1	0.1	0.4
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG02	Tyndale	..	32	0.69	≤ 4	0.29	0.07	0.22	0.47	0.75
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG03	Maloneys	..	32	0.78	≤ 4	0.75	0.48	0.28	0.58	1.33
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG04	Byrnes Lane	..	32	0.66	≤ 4	0.29	0.15	0.13	0.55	0.84
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG05	Shark Creek	..	32	0.7	≤ 4	0.34	0.19	0.16	0.88	1.22
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG07	Clyde Essex Drive	..	32	0.74	≤ 4	3.06	1.33	1.73	7.36	10.42
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG1A	Schwonberg St	..	32	0.75	≤ 4	0.15	0.10	0.06	0.44	0.59
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG08	Causleys	..	32	0.56	≤ 4	0.30	0.11	0.19	0.51	0.81
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG09	BP Lane	..	32	0.85	≤ 4	0.23	0.12	0.12	0.59	0.82
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG10	Visitor Info Centre	..	32	0.78	≤ 4	0.66	0.36	0.31	0.67	1.33
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG11	Motel	..	32	0.76	≤ 4	0.33	0.23	0.10	0.41	0.74
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG12	M1 Norley - Byron	..	32	0.68	≤ 4	0.16	0.07	0.09	0.29	0.45
BGC / NRW	A S4	22/04/2020 - 22/05/2020	DG13	Tyndale	..	32	0.7	≤ 4	0.82	0.43	0.39	1.00	1.82
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-03	Farlows Lane, Maclean	Fine Organic Matter Present	28	0.570	≤ 4	0.4	0.1	0.3	0.5	0.9
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-05	Fill 5.4 East, Yamba Interchange	Fine Organic Matter Present	28	0.750	≤ 4	2.8	1.4	1.4	2.5	5.3
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-06	Watts Lane	Fine Organic Matter Present	28	0.600	≤ 4	0.9	0.6	0.3	0.5	1.4
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-08	Serpentine Channel North	Fine Organic Matter Present	28	0.980	≤ 4	0.39	0.18	0.21	0.70	1.09
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-09	Chatsworth South East	Fine Organic Matter Present	28	1.000	≤ 4	3.96	1.54	2.43	2.36	6.32
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-10	Chatsworth Village	Fine Organic Matter Present	28	0.730	≤ 4	0.5	0.2	0.3	0.5	1.1
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-11	Fischers Lane - Control Gauge	Fine Organic Matter Present	28	0.960	≤ 4	1.22	0.50	0.72	1.05	2.27
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-12	Fischers Lane	Fine Organic Matter Present	28	0.690	≤ 4	0.58	0.25	0.33	0.62	1.20
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-13	Mororo Bridge South West	Fine Organic Matter Present	28	0.820	≤ 4	0.94	0.53	0.42	0.65	1.59
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-14	Garretts Lane West	Fine Organic Matter Present	28	0.970	≤ 4	1.03	0.42	0.60	0.76	1.79

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	B S5	09/04/2020 - 07/05/2020	DDG 5-15	Garretts Lane North	Fine Organic Matter Present	28	0.630	≤ 4	0.40	0.21	0.20	0.48	0.88
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-16	Iluka Road Compound	Fine Organic Matter Present	28	0.750	≤ 4	0.52	0.27	0.25	0.23	0.75
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-17	Woombah Woods Caravan Park	Fine Organic Matter Present	28	0.930	≤ 4	0.88	0.42	0.46	0.67	1.55
Pacific Complete	B S5	09/04/2020 - 07/05/2020	DDG 5-18	Castles Stockpile Area	Fine Organic Matter Present	28	0.850	≤ 4	3.93	1.48	2.45	5.26	9.19
BMD	C S6	23/03/20 - 22/04/20	DDG15	Ellem Property		30	1.50	≤ 4	2.0	1.8	0.2	1.9	3.8
BMD	C S6	23/03/20 - 22/04/20	DDG16	McLaren Property		30	1.70	≤ 4	0.5	0.4	0.0	3.1	3.6
BMD	C S6	23/03/20 - 22/04/20	DDG17 Control	De-Winton Property		30	1.62	≤ 4	0.8	0.6	0.3	4.0	4.9
BMD	C S6	23/03/20 - 22/04/20	DDG18	Jacky Butlin Road		30	1.40	≤ 4	0.5	0.2	0.3	2.4	3.0
BMD	C S6	23/03/20 - 22/04/20	DDG19	Rainbow		30	1.10	≤ 4	1.6	0.4	1.1	3.1	4.7
BMD	C S6	23/03/20 - 22/04/20	DDG20	Devils Pulpit		30	1.45	≤ 4	0.4	0.2	0.2	2.6	3.0
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 7 Control	I1061/1	beetles, org. matter	35	3.15	<4	1.4	refer to June 2020			
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 7-1	I1061/2	ants, org. matter	35	2.40	<4	0.5				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 7-2	I1061/3	ants	35	2.92	<4	1.1				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 7-3	I1061/4	...	35	3.15	<4	1.0				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 8-1	I1061/5	...	35	3.67	<4	1.4				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 8-2	I1061/6	org. matter #Inb. On day of collection it was noted that slashing in the immediate area of the DDG had been done. Photo on file if required.	35	3.30	<4	6.0				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 8-4	I1061/7	org. matter	35	3.13	<4	2.0				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 8-5	I1061/8	org. matter	35	3.40	<4	0.8				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 9-2	I1061/9	...	35	3.00	<4	1.1				
CPB	C S 7 8 & 9	30/03/20 -24/04/2020	DDG 9-3	I1061/10	...	35	2.95	<4	0.6				
Quickway	D	06/04/20 - 07/05/20	DDG 10-06	J3417/1	Construction area appears generally stable. Insects in sample. Approx. 60 mm of water in sample bottle. Below average rainfall during sample period.	31	-	≤ 4	1.6	0.4	1.2	1.3	2.9
Quickway	D	06/04/20 - 07/05/20	DDG 10-07	J3417/2	Construction area appears generally stable. Insects in sample. Approx. 40 mm of water in sample bottle. Below average rainfall during sample period.	31	-	≤ 4	3.6	1.1	2.5	1.9	5.6
Quickway	D	06/04/20 - 07/05/20	DDG 10-15	J3417/3	Construction area appears generally stable. Insects in sample. Recent slashing. Approx. 60 mm of water in sample bottle. Below average rainfall during sample period.	31	-	≤ 4	0.5	0.1	0.4	1.1	1.6
Quickway	D	06/04/20 - 07/05/20	DDG 11-02	J3417/4	Construction area appears generally stable. Insects in sample. Recent mowing. Approx. 60 mm of water in sample bottle. Below average rainfall during sample period.	31	-	≤ 4	1.3	0.7	0.6	1.2	2.5