

January 2017 Dust Monitoring Register



Air Monitoring for Solid Particles is conducted monthly - Units of measure: g/m2/month

Location	Sample Name	Sample Number	Sample Comments	Sampling Days	Sample Volume (L)	Target Total Suspended Solids (g/m2/month)	Total Suspended Solids (g/m2/month)
Portion B - Shamrock	Site 1	SCE-IRAF-W01	For Iluka Compound works	30	NA	<4	0.6
Portion B - Shamrock	Site 2	SCE-IRAF-E01	For Iluka Compound works	30	NA	<4	1.2
Portion F - Harwood	DDG1	DDG1	Beetles	32	1.75	<4	1.3
Portion F - Harwood	DDG2	DDG2	Ants	32	1.85	<4	1.0
Portion F - Harwood	DDG3	DDG3	Mosquitos	32	1.67	<4	1.2
Portion F - Harwood	DDG4	DDG4	Mosquitos	32	1.57	<4	0.8
Portion F - Harwood	DDG5	DDG5	Ants/Yellowish colour	32	1.4	<4	1.0
Portion B Diversion Roads - BMD	Mororo Cut South end	DDG16	1st round of dust sampling, pre-construction.	35	0.9	<4	1.4
Portion B Diversion Roads - BMD	Carrols Lane East Chatsworth	DDG8		18	0.25	<4	0.5
Portion B Diversion Roads - BMD	Serpentine Rd North	DDG 6		18	1.25	<4	1.9
Portion B Diversion Roads - BMD	Chatsworth Road North - Mororo bridge	DDG10		35	3.11	<4	1.2
Portion B Diversion Roads - BMD	Watt's Lane	DDG3		36	1.33	<4	1.9
Portion B Diversion Roads - BMD	Farlows Lane	DDG1		36	1.19	<4	2.0
Portion B Diversion Roads - BMD	Watts Lane East - Golding)	DDG2		35	1.83	<4	1.8
Portion B Diversion Roads - BMD	Ryan's Lane	DDG4		18	1.08	<4	2.7
Portion B Diversion Roads - BMD	Mororo Cut North West	DDG17		35	3.89	<4	2.0
Portion B Diversion Roads - BMD	Garrett's Lane West	DDG11		18	0.94	<4	0.6
Wave 1	Fischer Lane	F6799/1	Brown / organic matter	28	0.67	<4	11.63
Wave 1	Watts Lane	F6799/2	Cloudy / ants	28	0.93	<4	1.37
Wave 1	Mororo	F6799/3	Spiders	28	0.95	<4	0.99
Wave 5C	W5CA1	F6107/6	Brown leaves	33	2.4	<4	1.9
Wave 5C	W5CA2	F1607/7	cricket	33	2.200	<4	0.4
Wave 5C	W5CA4	F6107/8	cloudy, organic matter present	33	1.620	<4	2.6
Wave 5C	W5CA5	F1607/9	cloudy, spiders	33	1.580	<4	2.3

Wave 5C	W5CA6	F6107/10	-	33	1.120	<4	0.6
Wave 4	W4DDG1	F1607/11	Beetles, ants	33	2.150	<4	1.2
Wave 4	W4DDG2	F1607/12	light brown, beetles, ants	33	1.930	<4	1.6
Wave 4	W4DDG3	F1607/13	ants, organic matter	33	0.300	<4	1.0
Wave 5a	1	F6315/1	brown/ organic matter	32	1.470	<4	15.3
Wave 5a	2	F6315/2	brown/ leaves/ organic matter/ pine needles	32	1.580	<4	2.4
Wave 5a	3	F6315/3	brown/ leaves/ organic matter/ pine needles	32	1.100	<4	0.7
Wave 5a	4	F6315/4	..	32	1.340	<4	0.3
Wave 5a	5	F6315/5	brown/ leaves/ organic matter	32	1.380	<4	3.7
Wave 5a	6	F6315/6	brown/ leaves/ organic matter	32	1.600	<4	1.0
Wave 5a	7	F6315/7	leaves/ organic matter/ants	32	1.350	<4	0.7
Wave 5a	8	F6315/8	Light brown/ leaves/ organic matter	32	1.370	<4	1.0
Wave 5a	9	F6315/9	yellowish/organic matter	32	1.360	<4	1.8
Wave 5a	10	F6315/10	organic matter present	32	1.370	<4	1.4
Wave 5a	11	F6315/11	leaf	32	1.570	<4	0.7
Wave 5a	12	F6315/12	bugs	32	1.150	<4	0.5
Wave 5a	13	F6315/13	brown/ organic matter	32	1.200	<4	3.6
Wave 5a	14	F6315/14	light brown/pine needles	32	1.260	<4	1.9
Wave 5a	15	F6315/15	brown/ leaves/ organic matter/frog	32	1.180	<4	16.2
Wave 5a	16	F6315/16	yellowish/bugs	32	1.030	<4	1.0
Wave 5a	17	F6315/17	Light brown/ leaves/ organic matter	32	1.080	<4	4.2
Wave 5a	18	F6315/18	yellowish/ leaves/ organic matter	32	0.950	<4	1.8
Wave 5a	19	F6315/19	yellowish/ leaves/ organic matter	32	1.480	<4	5.0
Wave 5a	20	F6315/20	brown/ organic matter	32	1.750	<4	8.3
Wave 5a	21	F6315/21	insects/ organic matter	32	1.750	<4	0.7
Wave 5a	22	F6315/22	organic matter present	32	1.850	<4	1.0
Wave 5a	23	F6315/23	spiders/organic matter present	32	0.700	<4	0.5
Wave 5a	24	F6315/24	..	32	1.420	<4	0.4
Wave 5a	25	F6315/25	brown/ leaves/ pine needles	32	1.200	<4	1.6
Wave 5a	26	F6315/26	light brown/organic matter	32	1.250	<4	1.7
Wave 5a	27	F6315/27	ants	32	1.100	<4	0.6
Wave 5a	28	F6315/28	brown/organic matter	32	1.120	<4	5.5
Wave 3	DG-01	DG-01 -08	Insects	32	2	<4	0.6
Wave 3	DG-02	DG-02 -08	Cloudy, insects	32	2.21	<4	0.3

Wave 3	DG-03	DG-03 -08	Slightly cloudy	32	2.32	<4	1.0
Wave 3	DG-04	DG-04 -08	Cloudy. Insects	32	1.9	<4	2.7
Wave 3	DG-05	DG-05 -08	Organic matter	32	2.79	<4	0.7
Wave 3	DG-06	DG-06 -08	N/A	N/A	N/A	<4	N/A
Wave 3	DG-07	DG-07 -08	Organic matter	32	2.76	<4	0.4
Wave 3	DG-08	DG-08 -08	N/A	32	2.76	<4	0.1
Wave 3	DG-09	DG-09 -08	No Sample - Dust gauge vandalised and to be replaced	N/A	N/A	<4	N/A
Wave 3	DG-10	DG-10 -08	Insects	32	2.8	<4	1.0
Wave 3	DG-11	DG-11 -08	Cloudy	32	2.77	<4	0.8
Wave 3	DG-12	DG-12 -08	Insects.cloudy	32	2.69	<4	1.2
Wave 3	DG-13	DG-13 -08	No Sample - Dust gauge and bottle to be replaced	N/A	N/A	<4	N/A
Wave 3	DG-14	DG-14 -08	Organic matter	32	2.13	<4	0.9
Wave 3	DG-15	DG-15 -08	Dark colour, insects/	32	1.65	<4	2.4