

December 2016 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/m ² /month) | Total Suspended Solids (g/m ² /month) |
|----------|-------------|---------------|--|---------------|-------------------|---|--|
| Wave 4 | W4DDG1 | F5626/6 | Decaying beetles | 34 | 1.45 | ≤ 4 | 2.5 |
| Wave 4 | W4DDG2 | F5626/7 | Very cloudy - decaying beetles | 34 | 1.47 | <4 | 4.9 |
| Wave 4 | W4DDG3 | F5626/8 | | 34 | 1.46 | <4 | 0.8 |
| Wave 5A | 1 | F5800/1 | .. | 22 | 0.45 | <4 | 1.4 |
| Wave 5A | 2 | F5800/2 | brown/ leaves/ organic matter/ pine needles | 22 | 0.49 | <4 | 2.3 |
| Wave 5A | 3 | F5800/3 | brown/ leaves/ organic matter | 22 | 0.33 | <4 | 4.0 |
| Wave 5A | 4 | F5800/4 | beetles/ mosquitos | 22 | 0.32 | <4 | 0.9 |
| Wave 5A | 5 | F5800/5 | brown/ leaves/ organic matter | 22 | 0.32 | <4 | 8.4 |
| Wave 5A | 6 | F5800/6 | brown/ leaves/ organic matter | 22 | 0.32 | <4 | 4.9 |
| Wave 5A | 7 | F5800/7 | .. | 22 | 0.13 | <4 | 0.5 |
| Wave 5A | 8 | F5800/8 | brown/ leaves/ organic matter | 22 | 0.17 | <4 | 0.8 |
| Wave 5A | 9 | F5800/9 | brown/ leaves/ organic matter/ insects | 22 | 0.38 | <4 | 2.0 |
| Wave 5A | 10 | F5800/10 | dark brown/ leaves/ organic matter | 22 | 0.28 | <4 | 3.9 |
| Wave 5A | 11 | F5800/11 | .. | 22 | 0.350 | <4 | 0.3 |
| Wave 5A | 12 | F5800/12 | .. | 22 | 0.210 | <4 | 0.2 |
| Wave 5A | 13 | F5800/13 | dark brown/ organic matter | 22 | 0.220 | <4 | 0.7 |
| Wave 5A | 14 | F5800/14 | brown/ leaves/ organic matter/ pine needles | 22 | 0.230 | <4 | 0.6 |
| Wave 5A | 15 | F5800/15 | brown/ leaves/ organic matter | 22 | 0.200 | <4 | 1.1 |
| Wave 5A | 16 | F5800/16 | brown/ leaves/ organic matter | 22 | 0.150 | <4 | 0.6 |
| Wave 5A | 17 | F5800/17 | brown/ leaves/ organic matter | 22 | 0.180 | <4 | 1.0 |
| Wave 5A | 18 | F5800/18 | brown/ leaves/ organic matter | 22 | 0.250 | <4 | 0.4 |
| Wave 5A | 19 | F5800/19 | Light brown/ leaves/ organic matter/ beetle | 22 | 0.290 | <4 | 0.4 |

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|---------|-------------------------|-----------|--|------|-------|-----|------|
| Wave 5A | 20 | F5800/20 | dark brown/ leaves/ organic matter | 22 | 0.300 | <4 | 0.7 |
| Wave 5A | 21 | F5800/21 | bees/ cloudy | 22 | 0.180 | <4 | 0.8 |
| Wave 5A | 22 | F5800/22 | dark brown/ cicada beetle | 22 | 0.230 | <4 | 0.5 |
| Wave 5A | 23 | F5800/23 | empty/ 0.20L milli-Q added | 22 | 0.200 | <4 | 0.6 |
| Wave 5A | 24 | F5800/24 | organic matter present | 22 | 0.250 | <4 | 0.6 |
| Wave 5A | 25 | F5800/25 | brown/ leaf/ organic matter/ pine needles | 22 | 0.450 | <4 | 4.4 |
| Wave 5A | 26 | F5800/26 | organic matter present | 22 | 0.370 | <4 | 0.8 |
| Wave 5A | 27 | F5800/27 | .. | 22 | 0.420 | <4 | 0.9 |
| Wave 5A | 28 | F5800/28 | brown/ organic matter | 22 | 0.450 | <4 | 5.3 |
| Wave 5C | W5CA1 | F5626/1 | Dark brown | 34 | 1.11 | <4 | 2.1 |
| Wave 5C | W5CA2 | F5626/2 | | 34 | 1.45 | <4 | 0.7 |
| Wave 5C | W5CA4 | F5626/3 | Cloudy - decaying beetles | 34 | 1.34 | <4 | 1.6 |
| Wave 5C | W5CA5 | F5626/4 | | 34 | 1.61 | ≤ 4 | 2.6 |
| Wave 5C | W5CA6 | F5626/5 | | 34 | 2.06 | ≤ 4 | 0.1 |
| Wave 3 | DG-01 | DG-01 -07 | Light Brown/Organic matter present. Adj ploughed field | 28 | 0.65 | ≤ 4 | 4.3 |
| Wave 3 | DG-02 | DG-02 -07 | | 28 | 0.78 | ≤ 4 | 1.5 |
| Wave 3 | DG-03 | DG-03 -07 | | 28 | 0.7 | ≤ 4 | 1.2 |
| Wave 3 | DG-04 | DG-04 -07 | Mosquitos | 28 | 0.63 | ≤ 4 | 1.7 |
| Wave 3 | DG-05 | DG-05 -07 | | 28 | 0.75 | ≤ 4 | 0.3 |
| Wave 3 | DG-06 | DG-06 -07 | N/A | N/A | N/A | ≤ 4 | N/A |
| Wave 3 | DG-07 | DG-07 -07 | Light Brown/Organic matter present | 28 | 1.22 | ≤ 4 | 4 |
| Wave 3 | DG-08 | DG-08 -07 | | 28 | 0.7 | ≤ 4 | 0.6 |
| Wave 3 | DG-09 | DG-09 -07 | 50 mL Organic Matter Present | 28 | 0.61 | ≤ 4 | 1.8 |
| Wave 3 | DG-10 | DG-10 -07 | Some Organic Matter Present | 28 | 0.66 | ≤ 4 | 1.3 |
| Wave 3 | DG-11 | DG-11 -07 | Mosquitos | 28 | 0.85 | ≤ 4 | 1.1 |
| Wave 3 | DG-12 | DG-12 -07 | Mosquitos | 28 | 0.72 | ≤ 4 | 0.6 |
| Wave 3 | DG-13 | DG-13 -07 | due to smashed gauge and fallen | VOID | VOID | ≤ 4 | VOID |
| Wave 3 | DG-14 | DG-14 -07 | Light Brown/Organic matter present | 28 | 0.73 | ≤ 4 | 3.7 |
| Wave 3 | DG-15 | DG-15 -07 | Light Brown/Organic matter present | 28 | 0.7 | ≤ 4 | 2.6 |
| Wave 1 | Fischers Lane (Control) | F5950/1 | Brown, beetles, organic matter | 28 | 2.3 | ≤ 4 | 4.6 |
| Wave 1 | Watts Lane | F5950/2 | Ants | 28 | 1.8 | ≤ 4 | 0.59 |
| Wave 1 | Mororo | F5950/3 | Spiders | 28 | 2.7 | ≤ 4 | 0.87 |