

CONTINUOUS DUST MONITORING REPORT

December 13, 2019

Grindley Construction Pty Ltd
55 Grandview Street
PYMBLE NSW 2073

Your Reference: 6360 Penshurst PS, Airborne Dust Monitoring
Our Job Number: 234-2019

Attention: Mr Mitchell Thorburn, Contracts Administrator

Dear Mr Thorburn

Airsafe has conducted monitoring for airborne dust, and other airborne particulates, at the above site.

Conclusions:	High levels of bushfire smoke in the Sydney basin
Date of Sampling:	29 Nov 2019 – 13 Dec 2019
Instrument/s:	1 aerosol photometer
Date of Preliminary Report:	Text alerts 1-2-3-4-5-6-7-10 Dec 2019

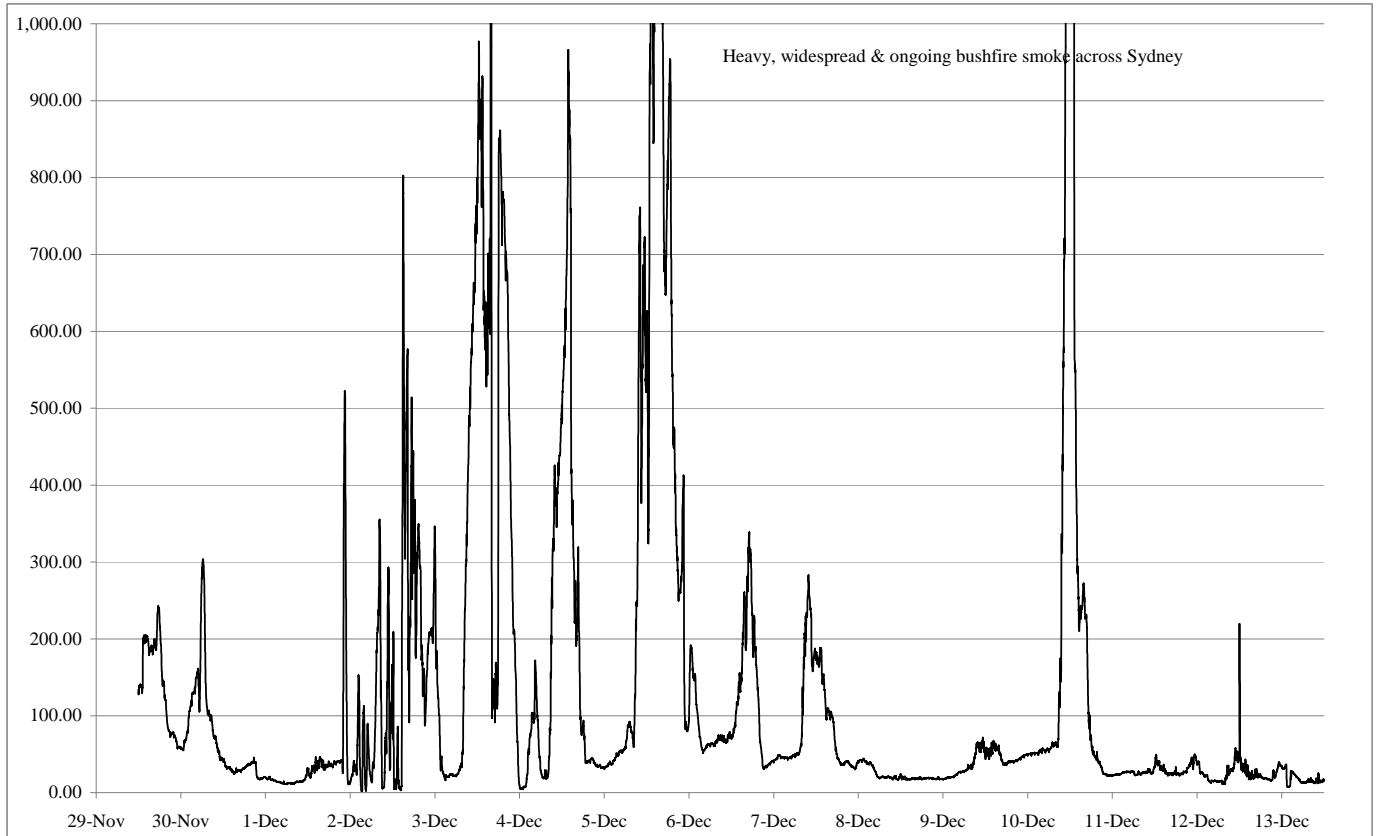
Please don't hesitate to contact me if you have any questions about this report.

Yours faithfully
AIRSAFE OHC PTY LIMITED



Philip Turner, COH
Occupational Hygienist

Construction Zone – Northern Boundary



- Method:** Direct reading instrument - Portable aerosol photometer (PM₁₀ fraction)
A 250 µg/m³ alert level has been set
- Instruments:** TSI DustTrak II Model 8530 Aerosol Monitor (124224) and Kenelec Dust Telemetry System with Agent G2+ data recorder (21125) - 15-min averages reported
- Quality Control:** Zeroed, flow rate 3 LPM, calibrated on 18 Oct 2018 by Kenelec, using emery oil, nominally adjusted to respirable mass standard ISO 12103-1, A1 Test Dust (Arizona Dust)
- Notes:** High levels of background air pollution from bushfire smoke (EPA Earlwood) on 29-30 Nov, 1-7 Dec, 10-11 Dec 2019. The results relate only to the location tested. Short-term high levels can be caused by construction dust, but also by movement of people or equipment near the monitor.
- Conditions:** Construction
- Comments:** Airborne particulates are measured in micrograms per cubic meter (µg/m³)
Recommended level inside buildings 50 µg/m³ (24-hour average)
Outdoor target 50 µg/m³ (24-hour average)
Outdoor levels up to 2400 µg/m³ have been recorded with bushfire smoke.