



# Fence Line Air Quality Monitoring for Land Development Projects

Developers must ensure the appropriate management of dust generated from diffuse sources such as land clearing activities, earthworks during construction, remediation of contaminated sites, demolition works, bulk materials handling, mining and quarrying activities including the storage, transport and stockpiling of soil or other material on site.

Monitoring may be required to assess the effectiveness of dust control measures.

The most commonly measured variables of ambient air are:

- Particulates – TSP, PM<sub>10</sub>, PM<sub>2.5</sub>
- Organics – VOCs, PAHs
- Inorganics - Metals , Gases

Compliance Monitoring provides air quality monitoring program design and implementation. Compliance Monitoring employs the following equipment types to assist with environmental compliance:

- Dust Trak
- E-BAM
- Osiris
- BAM
- HVAS
- TEOM

These monitors can be optionally supported by an automatic weather station.

The benefits of CM monitoring programs:

- NATA accredited
- Australian Standard methods
- One stop for air, water, noise and stack emissions monitoring
- Daily data reports (e-mail)
- Web data available
- Monitoring plan design
- Compliant monitoring

