Community Dust Monitoring Update
August - September 2026

Pic: *SiteHive personnel installing new sensors at City Circle Group in 2026.*

This report provides the **Brooklyn community with an update on local dust monitoring**, supporting greater transparency about air quality across the precinct.

Victoria's **General Environmental Duty (GED)** requires businesses to take reasonable and practicable steps to prevent or minimise environmental harm. Under Victoria's first Better Environment Plan, Brooklyn Recycling Group (BRG) participants are working together to monitor air quality, manage dust and improve public amenity.

A **network of 20 dust sensors**, installed across Brooklyn in 2026, provides participating businesses with real-time alerts for dust exceedances, alongside wind and weather data. This report summarises measurements recorded at participating recycling and redevelopment sites, reflecting onsite conditions.

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Particulate levels are continuously monitored across City Circle Group, Delta Group, ResourceCo and Sunshine Groupe (EcoGypsum Fertiliser & Sales) sites using a network of 20 real-time dust monitors.

Monitoring data is combined with weather information from the nearby Bureau of Meteorology Laverton station to help identify potential sources of elevated PM2.5 and PM10.

From 1 August to 30 September 2026, average concentrations were **4.6 µg/m³ for PM2.5** and **19.6 µg/m³ for PM10**. Both were below the relevant Victorian Environmental Reference Standard (ERS) targets, and no daily concentrations exceeded the applicable daily targets (Table 1).

Table 1. Victorian air quality objectives under the Environmental Reference Standard.

Substance	Averaging time	Objectives(µg/m^3)
$PM_{2.5}$	1 day	20
	1 year	8
PM_{10}	1 day	50
	1 year	20

The monitors provided several short-term particulate warnings, each of which was investigated and action taken as appropriate.

Other air quality monitoring

The public can access air quality information through a range of monitoring networks and platforms. These sources can help compare conditions in neighbouring suburbs and provide broader context for interpreting BRG's results.

Additional monitoring networks include:

- EPA Victoria's Air Monitoring Network – provides air quality information from EPA monitoring stations across Victoria.
- IQAir – provides air quality information and maps from a range of monitoring stations and sensors.

Further enquiries

Contact the Community Liaison Officer - *brooklynrecyclinggroup@outlook.com*