

Traffic Light Monitoring Scheme

The logo for Cuadrilla, featuring the word "Cuadrilla" in a bold, yellow, sans-serif font on a dark blue rectangular background.

The Traffic Light Monitoring Scheme is regulated by the Oil & Gas Authority to mitigate against induced seismicity caused by hydraulic fracturing within an operational boundary which is 3-5km around our site. It would be highly unlikely that any seismic events outside of this area would be associated with our hydraulic fracturing pumping operations. During this phase of operations we monitor induced seismicity using Traffic Light System monitoring stations around the operational area and submit daily results to the regulator.

Green

What is the Local Magnitude (ML) level detected?

Up to 0 ML

What happens on site with the operations?

- Hydraulic fracturing pumping proceeds as planned.
- Regulators receive a daily report.

Amber

What is the Local Magnitude (ML) level detected?

Greater than 0 ML but less than 0.5 ML

What happens on site with the operations?

- Hydraulic fracturing pumping proceeds with caution, possibly at reduced rates.
- The well integrity is checked.
- Regulators receive a daily report.

Red

What is the Local Magnitude (ML) level detected?

Greater than or equal to 0.5 ML

What happens on site with the operations?

- Hydraulic fracturing pumping is paused for a minimum of 18 hours.
- Regulators are informed without delay and a summary report is provided.
- The well integrity is checked.
- A decision on restarting operations will depend on an analysis of any trailing seismic events during the 18 hour pause.

For more information see the flow chart within Cuadrilla's approved hydraulic fracturing plan [here](#). To view the full document follow this [link](#).