

Built Features

Metropolitan Coal's built features monitoring program includes monitoring of the following infrastructure items:

- Integral Energy infrastructure (e.g. transmission line, access tracks and towers).
- Nextgen infrastructure (e.g. access tracks, fibre optic cable lines and pits).
- TransGrid infrastructure (e.g. access tracks, towers and transmission lines).
- Optus infrastructure (e.g. access tracks and fibre optic cables).
- Telstra infrastructure (e.g. access tracks and transmission lines).
- Roads and Traffic Authority infrastructure (e.g. pavement, bridges, culverts and cuttings).
- RailCorp infrastructure (e.g. rail line and associated infrastructure).
- Sydney Water infrastructure (e.g. pipelines and water tanks).
- Wollongong City Council infrastructure (e.g. pavement and culverts).

Site inspections have been conducted prior to the commencement of Longwall 20 secondary extraction to establish the condition of the infrastructure items.

Metropolitan Coal's monitoring of subsidence parameters (i.e. subsidence, tilt, tensile strain, and compressive strain) is described in the Subsidence section of this Environmental Monitoring Summary.

Subsidence monitoring relevant to each Built Feature Management Plan was conducted in accordance with each Plan. In relation to the Built Features Management Plan – RTA, a Technical Committee was established comprising representatives from the RTA, Metropolitan Coal, the Mine Subsidence Board, and technical specialists to monitor progress on a regular basis. A specific report on Longwall 20 movements and impacts will be prepared at the completion of Longwall 20.

No impact to any built feature was evident over the review period.

The frequency of monitoring for each infrastructure item varies as described in the Built Features Management Plan.

The results of the monitoring will be used to assess the performance of the Project against the following built features subsidence impact performance measure: *Safe, serviceable and repairable, unless the owner and the MSB agree otherwise in writing.*