

## 9. Air environment

### 9.1 Summary of comments

A summary of the comments received during the JRYUP EIS consultation process relevant to air environment issues are outlined below.

- Identifying that the EIS air quality assessment was applicable to the proposed location of the construction workforce accommodation village.
- Clarification that the air quality monitoring conditions for the DBCT Rail Loop Triplication Project are not appropriate for the JRYUP.

### 9.2 Construction workforce accommodation village

The air quality modelling study area assessed in the EIS covered the proposed construction workforce accommodation village location. EIS Figures 9.9 to 9.16 illustrated the predicted air quality concentrations for:

- Ground level nitrogen dioxide due to diesel consumption by shunt locomotives (refer Figures 9.9 and 9.10).
- Ground level PM<sub>10</sub> from coal wagons in transit (refer Figures 9.11 to 9.14).
- Ground level total suspended particulates (TSP) from coal wagons in transit (refer Figures 9.15 and 9.16).

Based on the EIS air quality assessment the predicted air quality concentrations at the proposed construction workforce accommodation village will remain below the relevant air quality standards and goals.

### 9.3 DBCT Rail Loop Triplication Project air quality monitoring

The Sarina Shire Council has included an air quality monitoring condition as part of the Material Change of Use (MCU) approval (planning scheme) for the DBCT Rail Loop Triplication Project. The condition to monitor the operational air quality for a minimum of 48 months is not appropriate for the JRYUP due to the following:

- The EIS air quality assessment concluded that air quality will remain below the relevant air quality standards and goals at sensitive receptors within the Jilalan area.
- QR has committed to implementing the relevant findings of the Coal Loss Environmental Evaluation currently being undertaken. This study will identify strategies to reduce coal dust emissions and the risk of coal loss from loaded coal wagons in Central Queensland.