

Noise

Potential Impact:

Nuisance noise from mining and construction activities affecting the surrounding areas (Martin, 2007).

Sources:

- ☐ ☐ Mining and associated earthworks;
- ☐ ☐ Site preparation and earthworks;
- ☐ ☐ Blasting;
- ☐ ☐ Mining and construction related transport;
- ☐ ☐ Foundations and equipment installation; and
- ☐ ☐ Building activities. (Martin, 2007)

Controls:

- ☐ ☐ Borrow Pits, construction site yards, construction worker camps (accommodation) and other noisy fixed facilities should be located well away from noise sensitive areas adjacent to the development site;
- ☐ ☐ Surrounding communities and adjacent landowners are to be notified upfront of mining and construction activities;
- ☐ ☐ With regard to unavoidable very noisy mining and construction activities in the vicinity of noise sensitive areas, the contractor should liaise with local residents on how best to minimise impact;
- ☐ ☐ In general operations should meet the noise standard requirements of the Occupational Health and Safety Act (Act No 85 of 1993);
- ☐ ☐ Routine monitoring of the ambient and source/activity-specific noise levels by the SHE representative; and
- ☐ ☐ Construction and mining staff working in areas where the 8-hour ambient noise levels exceed 5dBA should wear ear protection equipment. (Martin, 2007)

Maintenance:

- ☐ ☐ All mining and construction equipment must be maintained in good working order; and
- ☐ ☐ Silencers on mining and construction equipment will be maintained to ensure no deterioration in noise-dampening capacity. (Martin, 2007)

Corrective Actions:

- ☐ ☐ The Contractor will respond timeously in the event of any complaints by local residents or others about disturbing noise. The noise source will be identified and appropriate noise mitigatory measures instituted in consultation with the affected party(ies); and
- ☐ ☐ In the case of legitimate complaints the noise level must be tested by a specialist. (Martin, 2007)