

## 12 SUMMARY OF FINDINGS

### 12.1 Physical and Pollution Effects

The physical and pollution effects of the proposal include the potential for air pollution as a result of emissions from the DTD Plant and associated equipment, the potential for water pollution associated with the release of contaminated water or run off from contaminated soil and the potential for noise emissions during the construction and operation of the remediation project.

**Section 8.1** of this EA details the air quality modelling which was undertaken as part of the environmental investigations which concludes that the emissions resulting from the proposed remediation works can be effectively managed through appropriate mitigation measures and would therefore have no significant adverse impact upon local or regional air quality.

Similarly **Sections 8.2** and **8.6** of the EA address the potential noise and water impacts of the proposal and conclude that with the use of appropriate safeguards as outlined in the EA, these impacts would not be significant.

Overall, the proposal poses a low to medium risk in terms of physical and pollution effects. The risks associated with leaving the CPWE site in its contaminated state are considered to far outweigh the potential risks associated with undertaking the remediation works.

### 12.2 Biological Effects

The proposed remediation works are to take place on a highly disturbed industrial site located within an established industrial park. The works will not require the clearing of stands of vegetation and will not impact upon threatened flora or fauna. The potential indirect impacts of the proposal are generally associated with pollution events which may potentially impact upon local flora and fauna. However, the mitigation measures proposed in this EA will ensure that the potential for such impacts to occur is minimal.

The proposal is therefore considered to be a low risk in terms of biological effects and the environmental benefits which will be gained through the remediation of the land are considered to outweigh this risk.

### 12.3 Resource Implications

The CPWE exists within an industrial site and as such, has access to the necessary infrastructure and services required for the proposed project. The proposal will result in some additional traffic during the construction (mainly within the BIP) and operation period and will use some additional fuel. However, overall, the resource implications of the project are considered to be negligible. Given that the proposal will result in the return of a currently vacant block of land to productive industrial use, the project is considered to have a net positive impact in terms of resources.

### 12.4 Community Effects

The community and social effects of the proposed remediation project are largely related to noise, traffic, and hazards and risks.

**Sections 8.2, 8.5, 8.8** and **8.9** deal with these issues and identify appropriate mitigation measures to be put into place to manage these potential impacts.

There is potential for noise to be generated as a result of the proposed works which may have an impact upon the local community. However, with the implementation of the mitigation measures recommended in this EA, the potential impacts of noise on the amenity of the area are considered to be minimal and would be temporary.

Hazards and risks associated with the proposed works have been assessed in detail as part of the EA and it is concluded that the project would not pose a significant risk to human health or the environment, provided that appropriate mitigation measures are maintained on the Site. The clean up of the currently contaminated site would result in improvements to the overall amenity and environmental health of the area.

Further, the potential for traffic to impact upon local amenity has been examined in this EA and was found to be negligible.

The project would result in community benefits in terms of providing local employment opportunities, particularly during the construction period as well as improving the health and amenity of the environment in the immediate vicinity.