

BAI Communications (BAI) Environmental Conditions

It is a **requirement** that the following potential impacts and control measures be considered during the design through to implementation stage of works. Its purpose is for general guidance and acts as a **minimum condition of works approval***. Please note that this list is not exhaustive - applicants and relevant parties have responsibility to conduct appropriate risk assessments and associated mitigation measures for proposed works. Any regulatory approvals required will be the responsibility of the applicant.

*Evidence of integration of the listed environmental objectives and control measures in the design through to implementation phases of works will be required as part of the approvals process. Also note that these conditions are generalised and some sites may require additional and/or specific environmental consideration and control measures.

General Assessment of Potential Impacts and Mitigation Measures

Potential Impact	Environmental Objectives	Control Measures
Biodiversity (Flora and Fauna)	<ul style="list-style-type: none"> - All site personnel involved in works must complete the BAI site specific induction. - Avoid impacts to threatened flora on site. - Avoid direct impacts to vegetation and minimise indirect impacts. - Minimise impacts on wildlife. 	<ul style="list-style-type: none"> - No trees, shrubs, or other vegetation to be removed on site or access route without prior approval from the relevant authorities. - Aboveground plant parts (branches, trunks) to be fenced-off using barrier mesh prior to any works that may result in disturbance. - Any branches requiring removal for safety reasons to be cleanly cut using a cutting tool and should be cut at the collar point (where the branch meets the stem or trunk). Cut material to be stockpiled and disposed of appropriately. (Check with BAI HSE and Property prior to vegetation works as approvals may be required in some instances.) - Minimise vehicular movements at dawn and dusk to reduce the impact on crepuscular and nocturnal fauna. - If fauna is encountered within the work zone, stop works and call a wildlife handler if removal is required. - Ensure works are within the disturbed footprint. Any works outside of the disturbed footprint will require approval. - In the event that any declared priority weeds are cleared as a result of the works, they are to be managed according to the requirements under the relevant legislation. - The appropriate hygiene protocols are to be observed on all sites to minimise the spread of weeds and pests – All equipment, including clothing and footwear, should be sterilised prior to arrival to site, using a 70 / 30 ratio of methylated spirits (or ethanol) to water or similar and fit for purpose.
Aboriginal and European Heritage	<ul style="list-style-type: none"> - Provide heritage awareness to all personnel carrying out earthworks through Toolbox talks. - Manage unexpected finds of Aboriginal and European significance within the works footprint. 	<ul style="list-style-type: none"> - Should unexpected heritage items be uncovered during works, all works must cease in the vicinity of the material/find. BAI and the relevant authorities must be notified as soon as possible.
Waterways and Water Quality	<ul style="list-style-type: none"> - Protect waterways from incidental contamination. 	<ul style="list-style-type: none"> - All refueling, greasing/degreasing of equipment to be done over drip trays to minimise accidental spillage. - Any fuel stored on site should be placed within a containment tray or bunding of 110% capacity.

- Generators should either be self-bunded or contained within appropriately designed bunding of 110% capacity, considering surrounding conditions.
- In the event of an accidental spill, works to stop and the spill to be contained and managed via spill kits. BAI is to be notified as soon as possible and not more than 24 hours after the incident.
- There is to be no release of dirty (contaminated) water into drainage lines and waterways.
- Any contaminated wastewater generated by the works is to be contained, removed, and disposed of to an appropriately licensed facility.

Soil, Surface Water and Groundwater	<ul style="list-style-type: none"> - Minimise erosion of soil from stockpiles. - Identify and remediate erosion. - Any excavation works to be accompanied by erosion and sediment control measures. 	<ul style="list-style-type: none"> - Undertake excavation works by hand where practicable to maintain soil structure and to minimise disturbance to surrounding areas. - Where possible, reduce excavation works to prevent damage to sensitive ecological communities. - All areas disturbed by excavation works to be assessed and appropriately managed with erosion and sediment control measures such as bunding or fences to minimise sediment displacement. - Stockpiled spoil requiring offsite disposal that is generated during works must be managed with appropriate erosion and sediment control measures. - Maintain all sediment control measures in proper operation until all excavation works have been completed. - Make good on any areas disturbed. - Monitor for signs of potential acid sulfate soil (particularly in tidal or riverine settings) and manage on site as required. A management plan may be required for excavation activities at higher risk sites.
Dust, Noise, Vibration	<ul style="list-style-type: none"> - Minimise nuisance on sensitive receptor groups 	<ul style="list-style-type: none"> - Reduce impacts of noise and vibration on the surrounding ecological and human community through consultation and publicly available information. - Reduce impact of dust using dust control techniques and use of equipment with inbuilt dust collection where practicable. - Identify potential sensitive receptor groups such as ecological communities, schools and health care facilities and implement appropriate control measures. - Schedule works that generate high noise, dust and vibration levels during less sensitive time periods.
Waste management	<ul style="list-style-type: none"> - Avoid and control potential for waste on site. - Waste generated will be managed appropriately. 	<ul style="list-style-type: none"> - All waste generated as part of works must be removed and disposed of at accredited disposal facilities. No rubbish to be left on site. - Potentially hazardous waste must be handled appropriately as per SDS and/or legislation and disposed of at accredited disposal facilities.