

Aspects & Impacts

Activity	Situation	Aspect	Impact	Initial Rating	Description	Actions	Residual Rating	Significant	Controlled
Office	Normal	Air Emissions	Electricity Use	Low	Use of Electricity	Equipment switched off after hours and/or when not in use. Where possible, implement energy saving functions and/or use energy saving light globes. Zone lighting where practical.	Low	No	No
Office	Normal	Raw Materials - Paper	Land Fill	Low	Use of paper.	Photocopies to have double sided print (default setting). Paper to contain greater than 50% post consumer product. Used paper to be collected for recycling. Awareness signs to be displayed relating to recycling and waste of avoidance.	Low	No	No
Service Delivery	Normal	Waste - Packaging	Land Fill	Low	Packaging Waste	Source products from renewable/sustainable sources where possible. Buy locally to reduce resource use and costs associated with transport. Find suppliers that use less packaging or recyclable packing materials	Low	No	Yes
Service Delivery	Abnormal	Hazardous Substances	Contamination - Release of material of materials or substances to the environment.	Medium	Release of hazardous substances during incidents/	Small amounts of hazardous materials stored. Materials and substances to be stored appropriately. Spills to be reported to management and cleaned as soon as reasonably practical. SDS to be maintained.	Low	No	Yes
Service Delivery	Normal	Waste	Land Fill	Low	General Waste generated by site activities.	Effective waste management Waste segregation & recycling.	Low	No	No
Service Delivery	Normal	End of Life Disposal of Solar Panels, Inverters & Batteries	Landfill	Medium	Disposal of replace solar components.	Recycling of components at eWaste Recycling Centres Department of Energy Guidelines	Low	No	Yes

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Service Delivery	Normal	Air Emissions	Use of Fossil Fuels	Low	Travel to site and activities on site.	Minimise Travel Use of local Subcontractors Consolidated Transport - Drop Shipping	Low	No	No
Site Activities	Normal	Hazardous Materials	Contamination - ACM. Disturbance during Site Activities	Medium	Asbestos identified on site.	Disposal by licensed providers for areas greater than 10 msq Disposal in accordance with regulations - Asbestos Terminology	Low	No	Yes
Site Activities	Normal	Energy Emissions	Noise	Low	Noise generated by site activities.	Noise pollution shall be minimised by ensuring that the normal working hours of the contract or project are adhered to whenever possible. Working hours in accordance with specific conditions as specified by the nominated authorities No work shall be performed outside these hours unless approvals have been obtained from the client & or the local regulatory authorities. No audible work shall take place between the hours of 7.00am & 8.00am Saturdays. Local residents are to be advised of pending works in the area by means of a "letter box drop" advising of possible noise disturbance. All plant & machinery used shall have the necessary silencing mechanisms filled & be in good working order. All requirements for the testing or monitoring of noise levels as specified by statutory authorities shall be performed in accordance with the required specifications & regulations Consideration shall be given during the design Process for placement of equipment where it may cause noise disturbance to the public / residents	Low	No	Yes

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Activity	Situation	Aspect	Impact	Initial Rating	Description	Actions	Residual Rating	Significant	Controlled
Site Activities	Normal	Disturbance of Land - Excavation	Soil to Landfill	High	Effects of excavation.	Project specific Environmental Management Plans Excavation only be undertaken when no heavy rainfall is predicted and footings are then to be poured as soon as possible to minimise the exposure time. Any excavated material shall be used to fill voids as appropriate. Stockpile locations of material to be approved by the Principal prior to placement. Correct methods for the disposal of waste.	Medium	Yes	Yes

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Activity	Situation	Aspect	Impact	Initial Rating	Description	Actions	Residual Rating	Significant	Controlled
Site Activities	Abnormal	Discharge of Water	Contaminated Storm Water Run Off	Medium	Contaminated water run off from l	Only water of drinkable quality can be discharged into the drainage system. Contamination can be pre-existing & found at the site during works or be the result of spillages, inappropriate protective measures, accidents or other abnormal activity. Contaminated water can be recognised by: An irregular or unnatural colour is noticed A pungent smell is noticed A visibly peculiar texture (chemical slicks, cloudy) Any indicator of unusual water conditions are noticed Contaminated land can be recognised by: In irregular or unnatural colour is noticed A pungent smell is noticed A visibly peculiar texture (black tar, powdery texture) Ant indicator or unusual soil conditions are noticed	Low	No	Yes

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Activity	Situation	Aspect	Impact	Initial Rating	Description	Actions	Residual Rating	Significant	Controlled
Site Activities	Normal	Cultural Heritage	Disturbance, Damage or Removal of items of Cultural Heritage	Medium	Accidental disturbance of items of cultural significance during site activities.	Prior to commencement of works at a site, items of heritage significance will be located and identified in the project specific Environmental Management Plan, so that construction practices may be modified to minimise disturbance to these items (e.g. where sandstone curb and gutter in a street is to be crossed, boring should be the means by which work is completed to minimise the risk of damage). If any items of relics of Aboriginal or European heritage significance are identified during the project work will cease immediately at that location. Site Manager must be notified immediately who will notify the Principal to enable them to contact relevant authorities. Consultation with traditional owner groups and confirmation of required induction and monitoring is to be undertaken by the Principal.	Low	No	No
Site Activities	Abnormal	Discharge of Water	Soil Erosion	High	Soil erosion as a result of diverted water flow as a result of site activities.	Install silt fences as required to prevent soil erosion	Medium	Yes	Yes

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Site Activities	Abnormal	Disturbance of Land - Contamination	Contaminated Soil	Medium	Contaminated soil as a result of site activities including spills.	Document emergency procedures to manage all reasonably foreseeable harm, including spills and other environmental emergencies Obtain the agreement of the Principal to procedures for handling oil, chemicals and other dangerous goods before placing them on the Site, including secure storage arrangements Inspect the Site regularly to ensure appropriate environmental controls are in place and operating effectively, and that all environmental management requirements are being met	Low	No	No
Site Activities	Normal	Hazardous Materials/Waste	Contamination - Chemicals	Medium	Contamination by chemicals used on site, including spills.	Minimal use of hazardous chemicals on site. Minimise the use of solvents, glues, paints and other materials which release odours or vapour SDS Available	Low	No	No
Site Activities	Normal	Disturbance of Land - Excavation	Dust	Medium	Dust generated by site activities.	Dust control measures detailed in the Project Environmental Management Plan.	Low	No	No