

4.2 Soil and Water Contamination

Environmental Impacts	Objectives
<ul style="list-style-type: none"> - Degradation of the tributary/ies of River/Creek Name from introduction of water contaminants such as hydrocarbons, oil and sediment. - Contamination of soil through accidental spills of hydrocarbons and inappropriate waste disposal. - Degradation of land and waterways from improper handling and disposal of wastes and spillage of hydrocarbons and chemicals. 	<ul style="list-style-type: none"> - Minimise land/water contamination by employing appropriate storage, handling and disposal methods of materials and respond to spills immediately.
Implementation Strategies	

Actions	Monitoring & Reporting	Timing	Responsibility
Designated refuelling and waste disposal points should be identified and marked on the CEMP and identified on site.	Pre-construction review of CEMP and site inspection to confirm locations identified.	Prior to commencement and for duration of the project	Construction Contractor Contractor's Environmental Officer
Any imported fill shall be free of contamination from mud clumps, weed seeds, hydrocarbons or chemicals. Fill should be sourced from an IRC NDRRA approved source.	Visual assessment Audit by the Contractor's Environmental Officer	Daily for duration of project	Construction Contractor Contractor's Environmental Officer
Fuel containers shall be stored in bunded area or in bunded pallet/tray.	Visual assessment Audit by the Contractor's Environmental Officer	Daily for duration of project	Construction Contractor Contractor's Environmental Officer
Hazardous chemicals, toxic materials and/or flammable liquids shall be identified in accordance with AS 1216 and shall be handled and stored in accordance with AS 2508.	Visual assessment. Record all complaints and incidents relating to hazardous chemicals to the Contractor's Environmental Officer	Prior to use of materials	Construction Contractor Contractor's Environmental Officer
Contractor shall maintain a list identifying hazardous, toxic or flammable materials being brought onto each site. A copy of the product label or description of material composition and a material safety data sheet. (MSDS) must also be kept on each site.	Audit by the Contractor's Environmental Officer	Prior to use of materials	Construction Contractor Contractor's Environmental Officer
Contractor shall ensure all staff using hazardous, toxic or flammable materials under this contract are trained in competent in safe and correct use.	Check training records Audit by the Contractor's Environmental Officer	Prior to use of materials	Construction Contractor Contractor's Environmental Officer