

6.2. Summary of Selected Remediation Options

The site-wide pollutant linkages driving remediation, and the remedial options selected are:

Item	Source (with significant linkage)	Selected Remediation Option
E1	Spillages and leakage associated with process and storage buildings. (Site-wide)	Buildings: Controlled burning, except within 400m of occupied housing. Combination of cleaning, remote control and hardened plant demolition within the 400m zone. Land: Excavation of 0.35m areas in proposed residential zones adjacent to building doorways. General 0.15m topsoil scrape within the CDA
E2	Spillage and leakages during transportation of materials. (CDA only)	Identifiable ground locations and hard surfaces cleared of propellant granules/fragments by sweeping/vacuuming and hand picking, Fully remediated by option for E1 above.
E3	Asbestos-containing materials in building fabric. (Site-wide)	Controlled removal by specialist contractors, wastes placed in on site landfill
E4	Fragments of tarmac in made ground (CDA only)	Remediated by demolition & removal of built infrastructure and works for option for E1 above.

Table 15 – Selected Remediation Options – Site Wide

The other more localised pollutant linkages requiring remediation and the remedial options selected are:

Item	Source (with significant linkage)	Selected Remediation Option
L1	Burning Ground (CDA)	Removal of appropriate materials to on site landfill
L2	Burning Grounds (ROS)	Application of site-won clay to form a low permeability cap.
L3	Oil-impacted hot spots in CDA	Removal of soils, treatment by bioremediation, re-use within ROS as a soil ameliorant
L3	Oil-impacted hot spots in ROS	Application of suitable site-won cover materials in a capping layer
L4	Metals-impacted hot spots in CDA	Removal of appropriate materials to on site landfill
L4	Metals-impacted hot spots in ROS	Application of suitable site-won cover materials in a capping layer
L5	Underneath/adjacent to sub-stations in CDA	Removal of appropriate materials to on site landfill
L5	Underneath/adjacent to sub-stations in ROS	Application of suitable site-won cover materials in a capping layer
L6	Tip and waste processing areas in ROS	Clearance of above ground waste and application of suitable site-won cover materials in a capping layer, further cover with landscape soils
L7	White Phosphorous in drains and local soils	Excavation, treatment to ensure all phosphorus combusted, on site landfill
L8	Picrite and associated contamination in	Additional surface water monitoring, further

	former Picrite Lagoons	option appraisal
L9	Areas of ROS with munitions risk	Surface search including metal detection

Table 16 – Selected Remediation Options - Localised