

Activity/Element	Environment or persons at risk	Potential Hazard	Action Elimination	Level of Risk without action
Construction noise and vibration	Site operatives and neighbouring residents	Loud construction noise and vibration	foundationd designed to avoid driven piling, silos employed to avoid on site mixing. Limiting site working hours	LOW (3=3 x 1)
Air Quality including Dust management	Site operatives and neighbouring residents	air pollution with dust caused by construction works and vehicle movements	dust supression method statement to be enforced on site	MEDIUM (6=2 x 3)
Site wastage	environment generally	excessive waste to landfill and waste of resources	Implementation of a site waste management plan	Low (1= 1 x 1)
Traffic Management	Site operatives and neighbouring residents	Injury from traffic collisions	implementation of a traffic management plan	MEDIUM (6=3 x 2)
Archaeology and heritage management	Heritage and existing archaeology	Loss of opportunity to record archaeology	Site evaluation of Archealogy and agreed method fo investigation/watching brief	Low (1= 1 x 1)
Water Management	Water Course and new and existing properties	contamination of water courses/table and flooding	Bunded and secure staorage of materials and fules. Following the EA agreed Flood risk assesment and water management plan	Low (1= 1 x 1)
Management and protection of Ecological resources	Natural habitats, Fauna and Flora	removal of habitat and injury to Fauna/FLora	Implemantation of tree protection methods, accurate recording of existing Fauna.	Low (1= 1 x 1)
Stoorage of Fules and Chemicals	Site operatives and the environment as a whole	spillage of fuels and chemicals	Bunded and secure storage of fule and chemicals. Trained personnel to deal with spillages should they occur and site deployment of spill kits.	Low (2=2 x 2)

Unforeseen contaminated soil & groundwater identified following remedial works	Site operatives and the environment as a whole	harmful exposure to site operatives, endusers and groundwater	if identified any residual contamination shall be assessed and remediated or disposed off-site to appropriate facility. All construction workers to wear appropriate PPE	MEDIUM (6=2 x 3)
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