PROJECT SPECIFIC ENVIRONMENTAL IMPACT ASSESSMENT SCHEDULE - (REFER ALSO TO ECOMAP (APP 53)

PROJECT NAME: **The Cobblers, Slinfold.** JOB NO. **J380** DATE: **22/01/2024** PREPARED BY: **CJB**

Ref	ENVIRONMENTAL ASPECTS	ENVIRONMENTAL IMPACTS: Resource Use	Waste Management	Air Emission	Water Pollution	Noise and Vibration	Land Contamination	Ecology	Archaeology / Heritage	Local Community	SIGNIFICANCE EVALUATION: Probability	Severity	Significance Ranking	CONTROL / MITIGATION / ACTION PLAN
1) PROJECT SPECIFIC ACTIVITIES REQUIRING SPECIAL ATTENTION														
1.1	Existing surface water drainage runs . Ensure no construction contamination enters the system, existing runs within the site working area, ensure integrity of the existing drain runs is maintained.							x	x		3	2	6	
1.2	Tree protection in line with the landscape drawings and The Complete Arboricultural Consultancy's Arbicultural Development Statement Dec 2020.							x			3	2	6	
1.3	Reference Documents Ecosupport Ecological Survey Oct 2019 and Walk Over March 2022 conclude " the site is considered to be of limited ecololgical value" however to note that certain ecolical enhancements will be made as part of the project. ie: bird and bot boxes, wildflower planting.							x			3	1	3	Ecological enhancement: Bird boxes, bat boxes, wildflower planting, tree planting amenity turfing.
1.4	Removal and disposal of Asbestos Containing Materials	x		x						x	1	3	3	Works carried out in previous project by Westridge Constrcution
1.5	Install new foul and surface water drainage including attenaution tanks which will be flow restricted into existing drainage system.									x	3	1	3	
2) ROUTINE CONSTRUCTION SITE ACTIVITIES														
2.1	Dust generated from construction activities, moving traffic, and insufficient protection or covering			x						x	2	2	4	Site roads and storage areas to be capped off, preferably with tarmac. Water dust suppression techniques will be used. high risk elements such as cement will be stored in silos/covered bulk bags. Skips will have covers.
2.2	Construction noise generated from equipment operation, vehicles and various construction activities					x				x	2	2	4	Construction works will be monitored under the control of pollution act with all BPM (best practical means) being incorporated with all noisy operations. Plant will be modern and silenced. Timing of noisy activities will be planned to minimise impact. 'Stop-Works' procedure to be implemented if required.
2.3	Site operations likely to produce excessive vibration					x				x	1	2	2	Any demolition will be via mechanical jaws to minimise vibration as far as possible. Driven Piling will be avoided whenever there is a risk of vibration to third parties.
2.4	Odour impacts from construction on local community			x						x	1	1	1	No processes will generate significant odours
2.5	Visual impact of construction debris public roads / areas									x	2	1	2	Mud leaving site will be mitigated by only loading from hard-standing areas. Sweepers will be deployed as necessary. The site boundaries will be secured using heras fencing or hoading, branded in accordance with Sunninghill standard guidelines. Hera will be screened whenver appropriate.
2.6	Traffic congestion and potential blockage of site entrance			x						x	2	2	4	Use of approved routes for site access, phased deliveries, no on site parking for site operatives. Deliveries to be timed to avoid local peak traffic periods.
2.7	Improper storage of materials/chemicals or ready-mix concrete wash-out causing ground or watercourse contamination		x		x		x				1	3	3	All chemicals are stored in a sealed lockable container and no material are to be stored in high risk areas such as root protection zones. Specific arrangements for concrete wash-out to be implmented
2.8	Potential chemical reaction/fire due to improper storage of chemicals			x							1	3	3	All applicable chemicals are to be stored in a sealed lockable container on-site
2.9	Storage and use of hazardous substances on site (e.g. acetylene/oxygen, diesel, paint)		x	x	x		x				2	2	4	All hazardous materials are to be stored in a sealed container and method statement in place to control use, diesel storage be in a designated area included a bunded zone
2.10	Material Storage / Protection inadequate and causes damage, creating waste	x	x								2	2	4	Ensure materials are appropriately stored and protected.
2.11	Excessive surplus materials	x	x								1	2	2	Accurate requisitioning. Waste minimisation included within project plan which includes meeting with suppliers to minimise material wastage
2.12	Disposal of chemical wastes (e.g. unused or spent fuel/lubricant/chemical containers/other chemicals, rags, gloves, soil, debris, etc contaminated with fuel/lubricant/other chemicals)		x	x	x		x				1	3	3	Ensure landfill and carrier have appropriate licenses to dispose of and carry the waste. Dedicated waste separation.
2.13	Disposal of contaminated soil or vegetative matter		x				x				1	2	2	Ensure landfill and carrier have appropriate licenses to dispose of and carry the waste.
2.14	Disposal of inert waste (debris from demolition, removal of concrete structures, etc.)		x								3	1	3	Inert waste will be reused on site if practical. Segregate different waste streams. All off-site disposal recorded in Site Waste Management Plan (via Smartwaste records)
2.15	Discharge of wastewater from construction activities				x		x				2	1	2	Waste water from construction activities will be carefully monitored and passed through a catch pit and filter medium prior to being released to sewer. Licence to discharge to be obtained if required.
2.16	Silt discharge into SW Drains or watercourses				x			x			1	3	3	Silt traps or alternative means to be implemented if required. Licence to discharge to be obtained if required.
2.17	Discharge of storm water runoff				x			x			3	2	6	Existing S/W drains will need to be monitored in order to prevent contamination from site discharges.
3) RESOURCE CONSUMPTION														
3.1	Electricity consumption	x									3	1	3	Turning off any electrical goods when not in use such as plant and external lighting etc. Site Offices to have occupancy sensors.
3.2	Water consumption	x									3	1	3	Minimising water loss from leaking taps and pipes.
3.3	Consumption of fuel (diesel/petroleum)	x									3	1	3	Switching plant off when its not in use
3.4	Air emission from combustion of fuel (e.g. black smoke)			x							1	2	2	All plant is adequately maintained
3.5	Spillage of fuel / chemicals during refuelling		x		x		x				2	3	6	All refuelling to take place within a designated bunded zone on site and spill kit to be made available - fuel tank bunded
3.6	Leakage of fuel/lubricant/chemicals from plants and equipment due to poor maintenance				x		x				1	3	3	All plant is properly maintained and all refuelling process are covered by method statements
3.7	Consumption of lubricant/hydraulic oil/solvents	x									3	1	3	Used as and when necessary, covered by method statements
4) EMERGENCY CIRCUMSTANCES														
4.1	Accidental damage to underground utilities (e.g. sewage / potable water pipes, gas, electricity installations)				x		x				1	3	3	Location of existing services to be requested from Statutory Providers and Client.. All will be clearly marked. Areas will be rechecked and scanned prior to excavation works. If necessary hand-dig exploration will be undertaken. Permit to dig procedure to be used.
4.2	Emergencies arising from flooding or fire during construction/demolition		x	x	x		x				1	3	3	Emergency procedures in place
4.3	Emergency arising from spillage of pollutants - eg. Diesel / Hydraulic Fluid				x		x	x			1	3	3	Emergency procedures in place. Spill Drills to be implemented. Spill Kits available.
4.4	Land / groundwater contamination from construction/demolition works				x		x				1	3	3	Emergency procedures in place. Spill Kits available.
4.5	Disposal of wastes arising from cleaning after spillage or accidents		x		x						1	2	2	Included in Emergency Spill Procedures.
4.6	Run-off water due to Fire-fighting activities				x		x	x			1	3	3	Stormwater Drains identified on Ecomap and Spill kits available
5) SITE OFFICES AND WELFARE														
5.1	Electricity consumption (for lighting, air conditioning, office equipment and other purposes)	x									3	1	3	Awareness signage for turning off any electrical goods and lights when not in use such as using printer and computer standby settings. Meter fitted and consumption monitored. Site Offices to have occupancy sensors.
5.2	Water consumption (for drinking, cleaning, flushing)	x									3	1	3	Awareness via signage to turn off taps etc. Meters fitted and consumption monitored
5.3	Consumption of papers	x									3	1	3	Use of recycled paper to minimise consumption of raw materials
5.4	Consumption of stationery and office equipment	x									3	1	3	Minimal use. Recycled products used whevever possible
5.5	Consumption of cartridges for printers, copies, fax machines	x									3	1	3	Documents are sent and viewed in electronic format used as much as possible
5.6	Use/release of CFC substances (e.g. refrigerants for air conditioning units)			x		`					1	2	2	Minimal risk - Canteen Fridge only
5.7	Domestic wastewater discharge (flushing) to foul sewers				x						3	1	3	Connection to foul sewer. Possibly septic tank.
5.8	Release of ozone from photocopiers and laser printers			x							2	1	2	Ensure adequate ventilation in area of use
5.9	Indoor air ventilation			x							3	1	3	Natural ventilation via opening windows and doors
5.10	Noise from office equipment					x					2	1	2	Low noise specification equipment used
5.11	Disposal of waste (general refuse)		x								3	1	3	Included in waste management plan
5.12	Disposal of toner cartridges		x								3	1	3	Reused / recycled when possible, if not disposed to licensed landfill
5.13	Disposal of fluorescent tubes		x								1	2	2	In accordance with hazardous waste legislation and disposed in licensed landfill
5.14	Disposal of batteries		x								3	1	3	Included in waste management plan
5.15	Disposal of recyclable waste (paper, plastic, aluminium cans)		x								3	1	3	Included in waste management plan. Site Recycling Facilities.
5.16	Potential fire		x	x							1	3	3	Full compliance with fire and H&S regulations
5.17	Disposal of electronic goods		x								3	1	3	Compliance with WIII regulations

Probability - Certain (3) - Likely (2) - Unlikely (1) **Severity** - Severe (3) - Moderate (2) - Minor (1) **Probability x Severity** - Minor (1-3) - Moderate (4-5) - Major (6-9)