



ENVIRONMENTAL ASPECT & IMPACT REGISTER

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SI. NO	ACTIVITY (Each process subdivided into major activities)	ASPECT (Hazard that interacts with the environment)	IDENTIFIED IMPACT (Provide description of change due to environmental aspects associated with each major activities)	EXISTING CONTROL (Describe all pre-existing or current control measures if none, state so)	Who Effected	PROBABILITY SEVERITY RISK			ADDITIONAL / IMPROVEMENT in CONTROL (This must consider practical improvements to existing controls to improve effectiveness and reduce risks further)	PROBABILITY SEVERITY FINAL RISK			Person Responsible for Control Measures
						P	S	R1		P	S	R2	
1	Survey	<ul style="list-style-type: none"> Use of Vehicle 	Emission of smokes & Noise	<ul style="list-style-type: none"> ➤ Vehicle shall be maintained regularly. ➤ Vehicle shall be switched off when it is not in used, so that extra smokes emission and noise will be controlled. ➤ Visual monitoring for vehicular exhaust emissions should be carried out at the site on daily basis. ➤ If black or heavy smoke is visible, the vehicle should be sent 	Environment, flora/fauna Surveyors, Public	2	2	4	<ul style="list-style-type: none"> ❖ Regular checks shall be carried out by operators for any signs of black smoke being emitted into the atmosphere. ❖ Monitoring of Emissions from vehicles and engines to be free from black smoke or improper combustion. ❖ Avoiding consecutive night works avoiding simultaneous operation of noise generating activities, etc.; impacts of noise can be reduced. 	1	2	2	CM/Site engineer/ Site supervisor/ Logistic coordinator /Operator



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				for maintenance and service.									
		<ul style="list-style-type: none"> • Line Marker Spray on the ground 	<ul style="list-style-type: none"> ○ Soil contamination ○ Ground water contamination 	<ul style="list-style-type: none"> ➤ Only surveyor to apply marker paint. ➤ Less harmful paint to be used for marking purpose. ➤ Paint to be kept in a safe place at all times and disposed of appropriately. 	Environment, flora/fauna	Surveyors, Public	2	2	4	<ul style="list-style-type: none"> ❖ In case of spillage, remove the soil immediately and store it as hazardous waste for disposal by approved ESP. ❖ The use of low emitting adhesives, paints, coatings, sealants, etc. shall be incorporated in the materials selection for construction, where possible. 	1	2	2



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02	Working with heavy plant and equipment (Excavator, Shovel, Generator, Compactor, Trailer, Crane and Pumps)	Fuel consumption	Depletion of natural resources	<ul style="list-style-type: none"> ➤ Switch of vehicle when not in use. ➤ Usage of fuel efficiency vehicles, ➤ Regular maintenance to be carried out. ➤ Avoid over loading on the machine, plant and equipment for the efficient use of the fuel. ➤ Environmental awareness to be carried out. 	Operators, nearby workers, Public, Environment	3	2	6	<ul style="list-style-type: none"> ❖ Use clean fuels (low Sulphur content) for all vehicles, generators, and other machinery at site. ❖ All fuel oil and chemical storage areas will need to be located least 50 m rim the shoreline and will be appropriately constructed to prevent percolation through the soil in the event of accidental spillage. 	1	2	2	Project Manager, Construction Manager, HSE Manager/Environmental Manager, Plant & Machinery operatives, Site Engineers, Supervisor
		Smoke/ Fume Emission,	Local air pollution Public nuisance due to smoke	<ul style="list-style-type: none"> ➤ Inspect the plant & equipment prior to use. ➤ Maintain all equipment regularly. ➤ Equipment should have smoke arrester in working conditions. ➤ Keep the engine off when not in use. ➤ Smoke producing plant and equipment to stopped immediately for maintenance. ➤ Install muffler 	Workers, nearby public, nearby residents, environment	3	2	6	<ul style="list-style-type: none"> ❖ All stock-piling of fine construction material like sand etc. and the excavated earthwork shall be covered if possible, to prevent them from getting airborne 	1	2	2	



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			close to high noise vicinity should use ear plugs ➤ Equipment shall be used in accordance with manufacturer's specifications.										
	Oil and fuel splash and spillage	Soil Contamination	<ul style="list-style-type: none"> ➤ Preventive Maintenance for energy generating equipment, ➤ Monitoring & Adhering with EAD emission limits/values, ➤ Maintain all equipment regularly. ➤ Provide drip tray to be used for refuelling. ➤ Arrangement for emergency spill control. ➤ Regular inspection for any equipment in the site. ➤ Increased awareness regarding avoidance of soil contamination. 	Workers, nearby public, environment	3	2	6	<ul style="list-style-type: none"> ❖ All fuel oil and chemical storage areas will need to be located least 50 m rim the shoreline and will be appropriately constructed to prevent percolation through the soil in the event of accidental spillage. ❖ Spills of potential contaminants must be immediately cleaned up and sent to a holding tank. ❖ Appropriate discharge points shall be identified to dispose the dewatered water and discharge permits shall be obtained before discharge. 	1	2	2	Plant & Machinery operatives, Site Engineers, Supervisor	



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03	Operating / Use of Generator	Fuel consumption Emission of smokes/ Noise. Spillage/leakage	Depletion of natural resources Air/Noise/Land/ Water Pollution	<ul style="list-style-type: none"> ➤ Generator will be maintained regularly. ➤ Generator will be switched off when it is not in used, so that extra smokes emission and noise generation will be controlled. ➤ Use funnel during refilling. ➤ Spill kits to be kept on site. ➤ Drip trays to be installed. ➤ Fire extinguishers must be in place. 	Workers, nearby public, environme nt	3	2	6	❖ Identify the main sources of fuel use such as site equipment, cabins, vehicles, and generators. Report on carbon impacts and cost of energy use.	1	2	2	Project Manager, Construction Manager, HSE Manager/Environmental Manager, Plant & Machinery operatives, Site Engineers, Supervisor
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04	Concrete Casting & Compaction	Spillage of concrete	Soil contamination Ground water pollution	<ul style="list-style-type: none"> ➤ Concrete to be poured only from the height of 30 cm to avoid splash. ➤ Surrounding areas to be secured with plastic sheets. ➤ Trained and experienced workers to be deployed for the job to avoid spillage and wastage of concrete. ➤ Bunded area for concrete wash outs to be provided. ➤ Collection and disposing of waste as recommended by EAD. ➤ Planned activity to avoid concrete waste. ➤ Task to be carried out under competent supervision. 	Operators, nearby workers, Soil quality, Air quality, Natural resources etc., Waste handlers, environment	3	2	6	<ul style="list-style-type: none"> ❖ Where concrete is being washed out from trucks or cement mixers, the location of the wash area must be considered to prevent contaminated water left stagnant on the ground. ❖ Concrete trucks and pumpers should be washed in dedicated concrete truck wash pits and wash water should be collected and treated appropriately so that it can be re-used at site. ❖ During pouring concrete, plastic sheets should be placed on the ground to ensure that excess concrete does not drip from the chute on the ground. ❖ Ensure that drivers check that chute cover is in place before driving around the site. ❖ Drip trays to be provided underneath concrete pumping vehicles to avoid contamination due to diesel spill, if any. 	1	2	2	Project Manager, Construction Manager, HSE Manager/Environmental Manager, Plant & Machinery operatives, Site Engineers, Supervisor
		Concrete wash out (liquid & semi liquid)		Waste generation (Semi solid concrete)					<ul style="list-style-type: none"> ➤ Ready mix truck should have silencers 				



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				<ul style="list-style-type: none"> in good working condition. ➤ Periodic maintenance of ready-mix truck by a competent person. ➤ Regular inspection of ready-mix truck 						<ul style="list-style-type: none"> ❖ Noisy equipment shall be replaced with less noisy alternatives or equipment that is specifically designed with noise inhibitors such as generators and compressors with silencers and muffled jackhammers will be used. 				
05	General Cleaning and Regular Maintenance of Site Plant and Equipment	Waste generation & leaching Oil spillage, Noise, Vibration, Fire	Land Pollution, Local Air Pollution Public and Private Nuisance	<ul style="list-style-type: none"> ➤ Sorting and separating of recyclable materials ➤ Waste (solid & liquid) that generated are collected and disposed by authorized service provider, ➤ Usage of drip trays while performing the activities, ➤ Off-site maintenance if possible. ➤ Ensure availability of necessary resource to carry out the activi 	Operators, Workers, Environment	3	2	6		<ul style="list-style-type: none"> ❖ Noisy equipment shall be replaced with less noisy alternatives or equipment that is specifically designed with noise inhibitors such as generators and compressors with silencers and muffled jackhammers will be used. ❖ Diesel will be stored in a diesel tank, which will be bunded in a concrete enclosure with a 110% capacity, in case of the tank failure. ❖ A designated area for trucks is preferred where water is collected in a sump or pit and pumped into sealable containers and removed by a license contractor. 	1	2	2	Project Manager, Construction Manager, HSE Manager, Site Engineer, Logistics Supervisor



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06	Water Consumption (For construction activities and welfare)	Misuse of water	Depletion of natural resources	<ul style="list-style-type: none"> ➤ Proper planning of water usage to be carried out for construction work. ➤ All taps to be checked for leakages regularly. ➤ Train to minimize water usage. ➤ Set water usage target. ➤ Do not waste water, recycling of water to be motivated. ➤ Regular check for close fitting & leakage of hoses and pumps 	Environment, Workers	3	2	6	<ul style="list-style-type: none"> ❖ Collect wastewater from wheel-washing, hydro static testing of pipes, concrete curing, etc. for treatment and potential re-use. ❖ When practicable use water recycling techniques and cost-effective water saving technologies such as waterless urinals, flow restrictor taps and dual flush toilets. ❖ Use of Faucet aerators reduce splashing while washing hands and dishes. 	1	2	2	Construction Manager, HSE Manager, Site Engineer, Logistics Supervisor
07	Excavation	Removal of environmental sinks (Trees, Peats, shrubs, soils etc.) Soil Erosion Vegetation damage (if	Land/water pollution Soil infertility	<ul style="list-style-type: none"> ➤ Minimizing disruption of trees, habitats etc., Consideration of re-routing of the pipelines, cables etc. ➤ Mark area by surveying team to minimize excavation. ➤ Minimize plant uprooting. ➤ Pump out underground water from excavation safely & dispose to 	Operators, workers, Public nearby, Environment	3	2	6	<ul style="list-style-type: none"> ❖ Water used for dust suppression in the areas adjacent must be in compliance with ADNOC standard to prevent indirect impacts to terrestrial ecology due to change in soil salinity level or groundwater characteristics. ❖ Stormwater should be prevented from entering excavations through the appropriate use of cut-off ditches, bunds, or other 	1	2	2	Project Manager Construction Manager, HSE Manager, Site Engineer, Logistics Supervisor



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		any) Dust generation		<ul style="list-style-type: none"> ➤ approved storm water line only. ➤ Water to be sprinkled prior to start work & keep the soil damp. ➤ Work area to be properly fenced. 					<ul style="list-style-type: none"> ❖ measures. ❖ Dig and backfill in short sections wherever piratical to minimize the ingress of drainage into excavation during periods of rainfall. ❖ Trees adjacent to the project site shall be marked and protected with fencing to prevent any damage to the trees. 				
08	Compaction and Backfilling	Noise Vibration Dust	Noise pollution Disturbance to ECO system Local Air Pollution	<ul style="list-style-type: none"> ➤ Damp down to reduce dust emission. ➤ Heavy compactor to be avoided and plate compactor to be used. ➤ Well maintained plate compactor to be used and maintained regularly. ➤ Compaction should be in layer by competent person. 	Operators, workers, Environment, Public nearby	3	2	6	<ul style="list-style-type: none"> ❖ Noisy equipment shall be replaced with less noisy alternatives or equipment that is specifically designed with noise inhibitors such as generators and compressors with silencers and muffled jackhammers will be used. ❖ All backfilling materials and other stockpiles shall be positioned in suitable locations to maintain all access, walkways, or existing traffic clear of any obstructions. ❖ For high noise generating equipment and activities, provision of purpose-built noise attenuation barriers will be considered, particularly for 	1	2	2	Construction Manager, HSE Manager, Site Engineer,



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									diesel generators which could be in continuous operation.				
09	Dismantling of Mechanical & Electrical Equipment	Solid waste generation Noise Fuel consumption	Land pollution Area nuisance Depletion of natural resources	<ul style="list-style-type: none"> ➤ Generated solid wastes are collected and disposed of site by tipper truck. ➤ Train the workforce to minimize waste & segregate the waste. ➤ Ear plugs to be used and regular maintenance of the equipment's. ➤ Stop the equipment when not in use 	Operators, nearby workers	3	2	6	<ul style="list-style-type: none"> ❖ All solid waste generated at the site shall be collected in a temporary Waste collection area, which is to be constructed on impervious surface. ❖ The temporary storage system shall be designed to ensure segregation and safe collection and to avoid mixing of incompatible wastes. 	1	2	2	Construction Manager, HSE Manager, Site Engineer,
10	General workplace activities and House Keeping	Dust generation Waste generation Leaching, Nuisance to be public. Vermin and scavengers	Land contamination Local air pollution Ground water pollution	<ul style="list-style-type: none"> ➤ Water to be sprinkled prior to start work & keep the soil damp. ➤ Work area to be properly fenced. ➤ Implement the waste management plan and it's hierarchy of control to reduce the waste. ➤ Monthly waste minimization reviews will be carried out to determine the 	Environment, waste handlers, Workers, Visitors	3	2	6	<ul style="list-style-type: none"> ❖ Hazardous waste storage area should have impervious surface and unauthorized entry should be restricted. ❖ All hazardous waste storage bins shall have a distinct sign to separate them from other kinds of wastes. ❖ Regular tool-box talks to be provided to workers on waste management at site. ❖ Develop a system of penalizing the Environmental Service. ❖ Provider (ESP) in case found 	1	2	2	Project Manager Construction Manager, HSE Manager, Site Engineer,



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11	Earthworks	Dust generation Waste generation	Impact on ambient air quality Land contamination	<ul style="list-style-type: none"> ➤ Proper planning is to be done before carrying out the task. ➤ Water to be sprinkled prior to start work & keep the soil damp. ➤ All waste should be segregated and stored separately at designated area. ➤ Waste to be removed from site through Approved service provider only. 	Surrounding Environment Site Staffs and workers & local communities	3	2	6	<ul style="list-style-type: none"> ❖ All stock-piling of fine construction material like sand etc. and the excavated earthwork shall be covered if possible, to prevent them from getting airborne. ❖ All excavated earthwork shall be reinstated immediately upon completing the excavations to restore the original contours to as much as possible. 	1	2	2	Project Manager Construction Manager, HSE Manager, Site Engineer, Logistics Supervisor, Operators
12	Use of Power Tools	Noise Generation Use of electricity	Noise Pollution Depletion of natural resources	<ul style="list-style-type: none"> ➤ Select power tools which produce lowest noise levels. ➤ Power tools should be inspected on a regular/periodic basis by a competent person. ➤ Defective tools should not be used. ➤ Power tool to be switched off when not in use 	Workers, Environment, waste handlers	3	2	6	<ul style="list-style-type: none"> ❖ Where possible use of mains powered electrical equipment should be used in preference to using generators to provide power. ❖ A noise complaint register will be maintained to keep a record of any complaints received and remedial actions taken. ❖ Appropriate PPE's will be provided to all personnel working in high noise areas. 	1	2	2	Project Manager Construction Manager, HSE Manager, Site Engineer, Logistics Supervisor, Operators



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13	Pipe Laying & Cable Laying Works	Waste generation, accumulation of residue materials Usage of bonding materials	Depletion of natural resources, Land contamination due to the residues	<ul style="list-style-type: none"> ➤ Plan the work properly to minimize the waste generation. ➤ Competent person is deployed to minimize the waste generation. ➤ Used bonding materials (tins) to be collected in garbage collection area ➤ Remove & collect the residues in separate containers and replace it in skips. 	Workers, Environment,	3	2	6	<ul style="list-style-type: none"> ❖ Develop a system of Waste Transportation Network (WTN) such that waste lifted from the site reaches its designated place only and is not dumped somewhere. ❖ All solid waste generated at the site shall be collected in a temporary Waste collection area, which is to be constructed on impervious surface. ❖ All workers will be briefed at HSE induction and during toolbox talks on the location of known infrastructures and the measures on how to avoid damage on them, and environment. 	1	2	2	Construction Manager, HSE Manager, Site Engineer, Supervisor
14	Temporary Facilities (Toilets)	Sewage effluent generation Tank overflow/leakage	Contamination of receiving environment (soil and ground)	<ul style="list-style-type: none"> ➤ Suitable mobile toilet has to be provided. ➤ Information posters to be posted to minimise the use of water. ➤ Daily monitoring to be conducted to ensure no leakage and overflow. ➤ Timely collection of generated sewage to 	Soil quality, local biodiversity, workers & local communities. Maintenance staff, Workers, Visitors.	3	2	6	<ul style="list-style-type: none"> ❖ Wastewater from the ablution blocks should be directed to a "grey water" storage tank. ❖ Sewage holding tanks should be provided with a secondary containment with 110% capacity of the holding tank volume and an overflow tank in case of missed collection. ❖ If sewage is to be collected in septic tanks, then these will be inspected regularly to 	1	2	2	Construction Manager, HSE Manager, Site Engineer, Supervisor



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				<ul style="list-style-type: none"> be ensured to prevent overflow. ➤ Generated sewage to be collected by authorized service provided only. 					<ul style="list-style-type: none"> ensure that all tanks are free of cracks and damage. ❖ Waste to be reused can come only from ablutions blocks where no soap or other washing chemicals are used. If it will be used in irrigation, it should comply with limits for recycled water use in irrigation. Otherwise, it can be used for dust suppression. 				
15	Usage of Computers, printers and stationery	<p>Energy Consumption- Computer and printers use electricity ,often continuously</p> <p>Generation of E-waste, Ink ,Toner cartridge waste , Stationary & packaging waste.</p> <p>Paper Usage Carbon footprint Ergonomic issues.</p>	<p>High Energy Usage Printer cartridges are made of non biodegradable plastic and often discarded after one use.</p> <p>Eye strain, musculoskeletal disorders</p>	<ul style="list-style-type: none"> ➤ Use refillable or recyclable cartridges. ➤ Partner with vendors offering cartridge recycling programs. ➤ Proper e-waste disposal, recycling programs, donation or refurbishment initiatives. ➤ Use recyclable or biodegradable stationery. ➤ Promote digital documentation, double-sided printing, 	Office Staff, Environment Waste handlers Resource depletion	3	2	6	<ul style="list-style-type: none"> ❖ Train staff on paperless practices and energy conservation. ❖ Separate paper waste, cartridges, and e-waste for proper recycling. ❖ Use energy-saving settings, automatic sleep modes, and Energy Star rated equipment. 	1	2	2	<p>Project Manager, Construction Manager, HSE Manager, Site Engineer, storekeeper</p>



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				<ul style="list-style-type: none"> ➤ track printing use. ➤ Opt for locally sourced supplies and Purchase from companies with sustainable manufacturing practices. ➤ Provide ergonomic chairs, monitor height adjustment, encourage breaks. 									
16	Landscaping	<p>Water Consumption Chemical use- fertilizers pesticides& herbicides. ❖ Green waste Invasive Species Vehicle emissions, fuel use. Organic waste generation. Use of fuel-</p>	<ul style="list-style-type: none"> ➤ Dust generation, sediment runoff to drains/water bodies. ➤ Soil and water contamination, toxicity to non-target species. ➤ Air emissions, noise pollution. ➤ Landfill burden, methane 	<ul style="list-style-type: none"> ➤ Use organic or natural fertilizers and pest control methods. ➤ Use biodegradable products, apply in calm weather, PPE for applicators. ➤ Choose native and non-invasive plant species. ➤ Compost green waste onsite or through local composting programs. 	Workers, public, environment. Environment workers	3	2	6	<ul style="list-style-type: none"> ❖ Optimize delivery schedules, use fuel-efficient vehicles. ❖ Implement efficient irrigation systems (drip irrigation, timers) ❖ Adopt Integrated Pest Management (IPM) to minimize chemical use 	1	2	2	<p>Project Manager, Construction Manager, HSE Manager, Site Engineer, storekeeper</p>



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		powered landscaping equipment (mowers, trimmers, blowers)	<ul style="list-style-type: none"> ➤ emissions. ➤ Depletion of natural resources. ➤ Contamination of soil & water sources ➤ Increase in construction waste generation resulting in possible overload of existing Landfill Disrupts native ecosystem 	➤ Regular maintenance, avoid unnecessary idling, provide hearing protection.										
17	Painting Works	Disposal of empty container. Brushes , and rags. Accidental Spillage during painting works. Dust and debris	Air pollution Collection & disposal of Hazardous Waste Fire hazard due to Chemical usage. Soil, ground water.	<ul style="list-style-type: none"> ➤ Ensure proper ventilation during painting indoors. ➤ Train workers in the correct handling and storage of chemicals. ➤ Segregate and properly label hazardous and non-hazardous waste. 	Painters, nearby workers, public, Environment, cleaners, Waste Handlers	3	2	6	<ul style="list-style-type: none"> ❖ Use low-VOC or water-based paints. ❖ Prefer eco-friendly, water-based, or powder coating systems where feasible. ❖ Limit exposure time, rotate workers, provide respirators. ❖ Use designated cleaning areas, proper waste disposal, minimize solvent use. 	1	2	2	Project Manager, Construction Manager, HSE Manager, Site Engineer, storekeeper	



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		generation. Inhalation of harmful vapors.	Landfill pollution, soil	<ul style="list-style-type: none"> ➤ Store in sealed containers, use in ventilated areas, spill kits, no smoking policy. ➤ Use spill kits and designated waste collection areas. ➤ Provide impermeable flooring or drip trays to store paint containers. ➤ Implement spill response plan & train workers on spill prevention and clean-up procedures. 					<ul style="list-style-type: none"> ❖ Segregate and send to licensed hazardous waste facility. ❖ Maintain records of hazardous waste generated and disposed. 				
18	Hot Work Operations (Welding , Cutting & Grinding works)	Emission of dust, metal fumes, and gases resulting from welding, cutting, and grinding processes. Noise generation due	Air pollution – due to the release of metal fumes, dust, and gases, which can degrade air quality. Soil and water contamination – from improper disposal of metal shavings and	<ul style="list-style-type: none"> ➤ Use enclosures, screens, or mobile barriers to contain dust and fumes near the source. ➤ Restrict such activities during unfavorable weather (e.g., strong winds) to prevent offsite dispersion. 	Local Environment (Air quality, ,Staff, workers, Visitors, local communities	3	2	6	<ul style="list-style-type: none"> ❖ Hot Work Permit System. ❖ Trained Fire watch personnel to monitor work area during and after welding. ❖ Ensure regular collection and proper disposal/recycling of metal waste through authorized facilities. ❖ Inspect welding machines, gas hoses, regulators regularly. 	1	2	2	Construction Manager, HSE Officer, Site Engineer, Fire watcher



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		Contaminated wash water. Solid waste generation.	Landfill burden, resource depletion. Water pollution. Health hazards	<ul style="list-style-type: none"> ➤ Collect leftover asphalt, reuse where possible, dispose via licensed contractors. ➤ Wash in designated areas, treat wastewater before discharge. ➤ Mandatory PPE: respirators/masks, reflective vests, safety boots, heat-resistant gloves, safety glasses 						<ul style="list-style-type: none"> ❖ Use noise-dampening equipment and maintain exhaust silencers. ❖ Avoid over-ordering asphalt to minimize surplus. 				manager Supervisors, Storekeeper
20	Waste Management -related to Construction Activities, establishment /operation of laydown, storage areas, and worker facilities (offices and welfare)	Soild waste generation. Hazardous waste generation Wastewater and grey water discharge Sewage generation (from workers on the barge).	Increase in construction waste generation resulting in possible overload of existing Landfill. Entanglement in floating debris or plastic waste. Legal non-compliance-Breach of local waste regulations	<ul style="list-style-type: none"> ➤ Incorporate concept of waste reduce, reuse and recycle in the construction site as well as offices. ➤ Procurement procedures such as ordering in bulk , while avoiding over ordering, consumption estimations prior to placing order, explore possibility for buy-back arrangements, etc. 	Soil quality, Regional Waste Infrastructure	3	2	6		<ul style="list-style-type: none"> ❖ Segregation at source, recycling bins, reduce/reuse initiatives. ❖ Store in labeled containers, segregate hazardous waste, dispose via licensed contractors. ❖ Connect to approved sewer/septic systems, maintain hygiene facilities. ❖ Use covered transport, spill kits, trained handlers. 	1	2	2	Project Manager, Construction Manager, HSE Manager, Site Engineers, Supervisors, Storekeeper

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RISK LEVEL MATRIX



ENVIRONMENTAL ASPECT & IMPACT REGISTER

**Project Name: FEDERAL AUTHORITY FOR IDENTITY, CITIZENSHIP,
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Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Catastrophic
Rare	1	2	3	4	5
Possible	2	4	6	8	10
Likely	3	6	9	12	15
Often	4	8	12	16	20
Frequent	5	10	15	20	25
15 – 25	Extreme Risk	Activity or industry should not proceed in current form.			
8 – 12	High Risk	Activity or industry should be modified to include remedial planning and action and be subject to detailed OSH assessment.			
4 – 6	Moderate Risk	Activity or industry can operate subject to management and /or modification.			
1 – 3	Low Risk	No immediate action required, unless escalation of risk is possible.			