Environmental Aspect: Element of an organization's activities, products or services that can interact with the environment.

Environmental Impact: Any change to the environment, whether adverse or beneficial, wholly or partially resulting from the organization's activities, products or services.

ENVIRONMENT IMPACT	ABBR.	DETAIL OF THE ENVIRONMENTAL IMPACT
Statutory Nuisance **Noise**	**SN**	Emissions of smoke, steam, dust, or odors and noise, accumulations etc. – nuisance and can prejudice health
Air Pollution	**AP**	Air pollution - greenhouse gas emissions causing climate change; ozone impacting air emissions causing ozone depletion; toxic air emissions.
Contamination of Land	**CL**	Land affected by contamination (chemical, biological, radioactive)
Controlled Waste	**CW**	Solid waste to landfill – leads to loss of amenity; visual impact; odor; depletion of natural resources indirectly); impact on local community; indirect impacts –water/ air
Hazardous Waste Hazardous Materials	**HW**	Disposal of hazardous waste – emissions to air and possible releases to land.
Resource Depletion	**RD**	Depletion of natural resources and raw materials (includes water/fuel)
Water Pollution	**WP**	Emission of water polluting chemicals/ substances are causative agents of biological damage; local water quality is impacted as well as the possibility of prejudicing health

SR.	AREA	ACTIVITY	ENVIRONMENTAL ASPECT	ENVIRONMENTAL IMPACT	CONDITION			LEGAL R'QMENTS	CONTROL OR INFLUENCE	SIGNIFICANCE			RISK RATING	CURRENT CONTROLS
					Normal	Abnormal	Emergency			Policy	Legal	Other		
1	*Office/ Accommodation*	Buildings Cooling	emissions Due to inefficient insulation, Cooling systems & layout	RD; AP	√	√		Federal law 24 Protection of Environment	I		Y		Medium	Regular Monitoring of Bad Insulations Advised all staff for controlling the cooling escape routes, Shades on windows
2.	*Office/Site Accommodation*	Buildings Lighting	CO_2 emissions Electricity - Bulbs; fluorescent tubes; energy efficient bulbs	RD	√			Construction Environmental Management Program	C/ I		Y		Low	maintenance checks awareness raising training and materials Monitoring records
3	*Office/Site Accommodation*	Buildings Water	Resource Use - Water	RD	√	√		Law 21 Waste Management	C		Y		Medium	maintenance checks awareness raising training and materials Monitoring records
4	*Office / site*	Paper Use	Resource depletion	RD; HW	√			Law No 2 Electricity and Water Regulation	C		Y		High	use of email Operations Handbook Re-use

								Municipality Code of Conduct Federal law 24 Protection of Environment Construction Environmental Management Program Law 21 Waste Management Law No 2 Electricity and Water Regulation Municipality				
5	Office / site	Paper Waste Management	Paper reused, and recycled Small amount to Landfill	RD(+ve); CW	√				C	N	Low	General Training Awareness Raising materials Monitoring records
6	Office	Office Waste Management	Glass, Plastic Composting Cans Cardboard	RD(+ve); CW	√				C	N	Low	General Training Awareness Raising materials Monitoring records
7	Site	Generation of waste	General Refuse to Landfill	CW	√				C/I	Y	Medium	Waste Management Contractors Control Tool Box Meeting
8	Site	Generation of Dust	Dust from earthworks excavations, earth moving, cutting, grinding, grouting and packing concrete batching transport of materials to and	AP	√				C/I	Y	Medium	Use wheel washes, Exhausts not to discharge directly to ground levels Minimize cutting and grinding on site Use dust extractors on cutters and saws Damp down dust generating areas. Speed Limit of vehicles

			from site.					Code of Conduct				
9	Office / site	Use of electrical and electronic equipment	Resource Use Material Use Electricity Consumption Computers, Display Screens, Printers, A/C, Faxes, Kitchen Appliances	RD; SN	√				C	Y	Medium	General Training Awareness Raising materials Monitoring records
10	Office / Site	Disposal of electrical and electronic equipment	Solid and Hazardous materials	HW	√				C	N	Low	Recycle Re-use Collectors
11	Office / Site	Vehicles, engines, Machines	Depletion of resources and emission of pollutants	RD, AP	√				C/I	Y	Low	Maintenance routines
12	Site	Site drainage & Septic tanks	Potential pollution to local water courses	WP		√			C/I	Y	Medium	Waste Management including maintenance checks