

Appendix 7.1.1

Environmental Matrix

ENVIRONMENTAL IMPACT ASSESSMENT FOR PROPOSED NEW INSTALLATION OF THERMAL TREATMENT FACILITY FOR CENTRE OF HEALTHCARE WASTE TREATMENT PLANT FOR MEDIVEST SDN BHD AT LOT 6939, 6940, 6947 & 6948, MUKIM TANJUNG MINYAK, DAERAH MELAKA TENGAH, MELAKA

ENVIRONMENTAL MATRIX

ENVIRONMENTAL COMPONENTS		PROJECT ACTIVITIES	PRE CONSTRUCTION		CONSTRUCTION					TESTING AND COMMISSIONING		OPERATION			
			SURVEY	PROJECT DESIGN	MOBILISATION TO SITE	EARTHWORK	CIVIL AND STRUCTURAL WORKS	MECHANICAL AND ELECTRICAL WORKS	ABANDONMENT	TESTING AND COMMISSIONING WORKS	ABANDONMENT	NORMAL OPERATION	MAINTENANCE WO	MATERIAL HANDLING AND STORAGE	ABANDONMENT
PHYSIOCHEMICAL	LAND	Land Use	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Buffer Zones	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SURFACE WATER	Water Quality	NA	NA	NA	I-T	I-T	NA	NA	NA	NA	I-D	I-D	I-D	I-D
		Drainage Pattern	NA	NA	NA	I-T	I-T	NA	NA	NA	NA	I-D	I-D	I-D	I-D
		Flooding	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Existing Use	NA	NA	NA	I-T	I-T	NA	NA	NA	NA	I-D	I-D	I-D	I-D
	ATMOSPHERE	Air Quality	NA	NA	NA	I-T	I-T	NA	NA	I-T	NA	I-D	I-D	I-D	I-D
		Climatic Changes	NA	NA	NA	NA	NA	NA	NA	NA	NA	I-D	I-D	NA	NA
	NOISE	Intensity	NA	NA	NA	I-T	I-T	I-T	NA	NA	NA	I-D	I-D	NA	NA
		Duration	NA	NA	NA	I-T	I-T	I-T	NA	NA	NA	I-D	I-D	NA	NA
		Frequency	NA	NA	NA	I-T	I-T	I-T	NA	I-T	NA	I-D	I-D	NA	NA
BIOLOGICAL	SPECIES AND POPULATIONS	Terrestrial Flora	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Terrestrial Fauna	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Aquatic/Marine Flora	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Aquatic/Marine Fauna	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HABITATS AND COMMUNITIES	Terrestrial Habitats	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Terrestrial Communities	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HUMAN	HEALTH AND SAFETY	Physical Safety	NA	NA	NA	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D
		Psychological Well-Being	NA	NA	NA	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D
		Parasitic Disease	NA	NA	NA	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D
		Communicable Disease	NA	NA	NA	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D
		Physiological Disease	NA	NA	NA	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D	I-D
	SOCIAL AND ECONOMIC	Employment	I+	I+	I+	I+	I+	I+	NA	I+	NA	I+	I+	I+	NA

NA
I-T
I-M

I-D
I-R
I+

Insignificant and excluded from Matrix
Environmental impact that is potentially but on a temporary basis and will assure equilibrium after certain period of time
Environmental impact that is potentially significant but about which there is insufficient data to make a reliable prediction. Close monitoring and control is recommended

Potentially significant adverse environmental impact for which a design solution has been identified
Residual and significant adverse environmental impact
Significant environmental enhancement