

WASTEWATER GENERATION & DISPOSAL

DURING CONSTRUCTION PERIOD, GENERATED WASTEWATER FROM CONSTRUCTION ACTIVITIES WILL BE COLLECTED INTO A NUMBER OF SEDIMENTATION TRAP WITH REQUIRED RETENTION PERIOD. AFTER SEDIMENTATION, THE WATER WILL BE REUSED FOR CONSTRUCTION ACTIVITIES.

DOMESTIC WASTEWATER GENERATED FROM THE LABOURERS WILL BE TREATED IN THE SEPTIC TANK.

DURING OPERATION PERIOD, WASTEWATER WILL BE TREATED IN S.T.P.

GENERATED WASTEWATER : 319 KLD (80% OF DOMESTIC WATER CONSUMPTION)

TREATED WASTEWATER FROM SEWAGE TREATMENT PLANT : 312 KLD.

TREATED WASTEWATER TO BE RESUED : 159 KLD

TREATED WASTEWATER TO BE DISCHARGED : 153 KLD

STORMWATER FROM THE GROUND SURFACE WILL BE DISCHARGED INTO THE MUNICIPALITY DRAIN.

EXPECTED WASTEWATER QUALITY

Parameter	Raw Wastewater	Treated Wastewater
pH	6.5 – 7.5	6.5 – 7.5
BOD (in mg/l)	200	<10
COD (in mg/l)	350	<50
TSS (in mg/l)	150 – 250	<20
Oil & Grease (in mg/l)	15 – 20	<10

DISPLAY VINIMAY PVT. LTD. AND 72 OTHERS