

EXECUTIVE SUMMARY

The Industrial Area(I.A) of Kala Amb was developed & established by DIC, Sirmour in 1991 in a stretch of 221.03 bighas. Total 67 industrial plots were developed in the Industrial area. All plots are allotted to total no. of 52 entrepreneurs. Apart from these allotted plots in developed I.A. of Kala Amb few entrepreneur's setup their industries in nearby area outside I.A. Kala Amb. In all there are 404 industrial units established in & around Kala Amb. Due to rapid industrial growth and increase in production capacities in some of industries, the treatment of effluent has become uneconomical at individual level besides the space constraint.

Hence, M/s Kala Amb Infrastructure Company, Distt. Sirmour, H.P has been formed by the Industrial association of Kala Amb. The proposal is to set up the CETP situated at Khasra No. 1075/456/175/5 & 1075/456/175/4, village ogly, Kala Amb Industrial Area Distt, Sirmour having capacity of 5 MLD (Phase -I 2.5 MLD + Phase-II 2.5 MLD) for collection of effluent generated from the nearby industries located in Kala Amb industrial area and industries located in nearby region. There are total 134 units are operating in the Industrial area and nearby area. Out of total 134 units 2 units are manufacturing Paper are discharging huge quantum of Effluent are excluded from list. From list of remaining 132 Units 110 Units are located in Industrial area and remaining 22 units in nearby area.

The cluster of industries encompasses mainly Pharmaceutical Formulation, Chemical Formulation, Metal Finishing, textile unit, etc. Effluent from member units will be carried through tankers upto CETP. Different category effluent will be collected through different takers where as similar category from different unit can be clubbed in common tanker as per available capacity of taker to minimize cost of transportation. Sewage will be conveyed through a sewer line to area of CETP to a collection tank.

Generated solid waste would be transported to authorized TSDF site. The wastewater after treatment shall be used for Horticulture purpose rest will be discharged into river Markanda.

The project site is well connected with road and railways. Naraingarh city is approx 8.90 km, WSW direction away from the project site. Ambala Cantt. Junction Railway Station about 41.58 Km in the WSW direction and Chandigarh Airport about 45 Km in NW direction.

The salient features of the proposed project is given in Table below-

Location	Latitude	Longitude		
	30°30'1.44" N	77°13'1.81" E		
	30°29'58.48"N	77°13'3.68"E		
	30°29'59.13"N	77°13'4.71"E		
	30°29'55.22"N	77°13'3.52"E		
	30°29'56.94"N	77°13'6.84"E		
	30°29'53.98"N	77°13'1.77"E		
	30°29'53.94"N	77°13'3.62"E		
Land Area	Plot measuring about 1.65 Ha or 16545 sq.mt has been allotted for the proposed CETP			
Screening Category	7(h), Category A as per EIA Notification 14 th Sep, 2006 and amended thereof.			
Project Profile	The proposed CETP is for combined stream of Industrial Effluent & Domestic Sewage from Industrial units and sewage from municipal areas of Kala Amb and other industries located in 10 Km radius.			
	5 MLD CETP in Two Phase for Industrial Effluent			
	PHASE	IN TAKE FLOW IN MLD		
		INDUSTRIAL EFFLUENT	DOMESTIC SEWAGE	TOTAL
	I	1.50	1.00	2.50
II	2.50	---	2.50	
Complete	4.00	1.00	5.00	
Cost of the Project	Approx. Rs. 37.85 Crores			
<u>Resource Requirement</u>				
Source & Quantity of Water	Water for construction and domestic purpose will be met from Tube well.			
Power	Source -HPSEB Power Backup: DG SET – 1 Nos.			
Man Power	For Phase I: Approx. 18 to 20 For Phase II: Additional Approx. 4-5 skilled and unskilled labours will be engaged during construction of CETP project.			
<u>Environmental Management System</u>				
Effluent Treatment Scheme	Proposed CETP is for Industrial & Domestic Sewage effluents generated mainly from Municipal, Commercial and Industrial waste from various industries located within 10 km radius of Kala Amb area from the project site.			

Flue Gas Emission	No flue gas emissions except from operation of DG set as standby power source.
Hazardous Waste	ETP Sludge, Used oil, Discarded containers/liners.