

BRIEF SUMMARY

Jaypee Himachal Cement Plant, is a unit of Jaiprakash Associates Limited (JAL) proposed to enhance the clinker production capacity from 2.97 MTPA to 3.5 MTPA, by optimizing the operation parameters within the existing plant complex located at Baga village, Arki tehsil, Solan district, Himachal Pradesh.

Existing plant under operation with a production capacity of 2.05 MTPA clinker and 2.54 MTPA cement has accorded Environment clearance from MoEF vide letter no: J-11011/26/2006-IA.II(I), dated: 18th May 2006. The environmental clearance was subsequently, amended for augmentation in clinker production capacity from 2.05 MTPA to 2.97 MTPA vide letter ref no: J-11011/1216/2007-IA-II(I) dated 24th December 2013, within the same plant.

The site is situated within the geographical co-ordinates of latitude 31°19'26.2" North to 31°20'17" North and longitude 76°53'4.0" East to 76°54'4.5" East. The terrain of the site is flat. The elevation of the site is 947 to 1522 m above MSL.

The proposed capacity enhancement in clinker production from 2.97 MTPA to 3.5 MTPA will be done in the existing premises. No additional land will be required. Total water requirement for the clinker production is 3500 m³/day which will be met from water allocated for existing plant sourced from two nallas (Padiyar & Treda) near their confluence with Satluj River which is 2.2 km, NNW from the site. No additional water will be required. The JHCP has grid supply to the extent of 30 MW for the operating unit. No increase in power load from grid is envisaged.

The existing Jaypee Himachal Cement Plant of capacity 2.97 MTPA clinker and 2.54 MTPA cement manufacturing is operational since year 2010. The plant is based on limestone deposits in Baga and Bhalag villages, Solan district of Himachal Pradesh. The additional limestone required for clinkerisation shall be sourced from the exiting captive limestone mines.

The present proposal is intended to utilise the facilities installed at site, JAL proposed to de-bottleneck and rationalize capacity usage of certain plant sections to achieve the higher level of productions of clinker from 2.97 MTPA to 3.5 MTPA. The debottlenecking will involve reconfirmation of pre-heater/pre-calciner sizes main fans capacity and clinker cooler modifications minor in nature, without any addition to plant & equipment. However other sections of the plant will be able to meet the plant balancing requirement for an additional output of 0.53 MTPA clinker.

Bandli wild life sanctuary is at a distance of 9.6 km in north direction and Majhthal wild life sanctuary is at a distance of 5.0 km in SE direction. As per letter of DFO, Wildlife Division Shimla, H. P. Forest Department, vide ref. no. 4311 dated 09/01/2015, proposal for Wildlife Clearance was recommended by Standing Committee of NBWL during its 31st Meeting held on 12th-13th August, 2014, subject to the condition that 2% of the project cost shall be deposited as mitigation measures/conservation and management of wildlife of the protected area.

Plant is located at about 12 km, W from Bilaspur town and the nearest railway station is Shimla around 33 km, SE. The nearest airport is Bilaspur around 12 km, W and Shimla airport is 35 km, SE. 21 PFs exist within 10 km radius.