

Scrutiny comments on “:REVIEW OF MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN OF KARUPPUR KEELAPALUR LIMESTONE MINE OF M/S CHETTINAD CEMENT CORPORATION PVT LTD, OVER AN EXTENT OF 26.145 HA IN KARAPPUR (SENAPATHY) AND KEELAPALUR VILLAGES, ARIYALUR TALUK AND DISTRICT OF TAMILNADU”.

Office scrutiny (mine code -38TMN38036)

TEXT:- (All table should be numbered)

- 1) Page-1 para-1-It has been mentioned that” Submitted under Rule 11(3) of MCDR, 2017” but it should be 17(1) of mcdr-2017. Hence the same should be corrected.
- 2) Page-1- In introductions chapter nothing has been explained about the mines i.e lease area granted/ date of execution / under which section it is granted etc. the same for the existing lease should be described.
- 3) Page-6 para -B- The patta land and govt. land should be checked and corrected as patta land is 25.20 & govt land is 0.945 ha which is wrongly mentioned.
- 4) Page-13 para-III- It has been mentioned that “Hence the Mining activity could not be carried out since the execution of lease” . it should be corrected.
- 5) Page-13 in para-iv- as “The mine is yet to commence mining operations” and in subsequent paragraphs wherever it is mentioned should be corrected as the mining is in operation. it should be mentioned as “Hence the Mining activity could not be carried out since the execution of lease upto Feb 2019”.
- 6) Page-16- para- Stage of Geological Study: -It has been mentioned that “The Sendurai limestone deposit”- it should be corrected.
- 7) Page-22-para- 1.j.3. Basis for re-estimation of reserves: - As the re-estimation has not been carried out the same paragraphs should be removed only plate no. thresholds value etc should be kept in the paragraphs.
- 8) Page-31- para- 1.l. Mineral Reserves/Resources: - depletion of reserve table should be given.
- 9) Page-36 para-II- It has been mentioned that” Dump handling Review of mining plan period as no waste quantity is likely to be generated” but in earlier table the waste and topsoil generation is shown which is confusing hence it should be checked and corrected.
- 10) page- 37 Details of production and development: Year 2021- 22- the table given is overlapping in RL- which is due to different section line area hence section line should be mentioned and also the height is not matching with the RL from & to. It should be corrected. Accordingly, area volume etc will also be changed. Limestone /marl/waste should mention as Tonnes in column head.
- 11) page- 37 Details of production and development: Year 2021- 22-Two different quantities of topsoil has been mentioned which is confusing hance it should be corrected.
- 12) Page-40- yearwise excavation: - The year wise tentative excavation in tonnes should be given in separate single page for limestone and marl.
- 13) Page-37- During the last approved ROMP the direction of movement of face was towards the north so the the electric line will be shifted back to original position with due permission of concerned departments and the blocked mineral in the eastern side of the lease can be mined in the future in view of mineral conservation should be explained.
- 14) Page-45 & 46 -Summary of Conceptual quantities Production and Development up to Conceptual life of mine para 2.g.2 should be changed as per scrutiny point no-13.
- 15) Page-47para 2.g.5. Post mining land use envisaged- should mentioned regassification/plantation of all areas.
- 16) Page-40 para 2.c Year wise development plans and sections showing pit layouts, dumps, stacks of mineral reject total of limestone is not matching with the earlier paragraphs mentioned in page-37-40.
- 17) Page-71-75-para-SUMMARY OF YEARWISE PROPOSAL FOR ITEM NO.8.3- the nil column in all the field of reclamation and reclamation is not acceptable the rehabilitation of pit 1-2-3 should be given with 100 % plantation during the current plan period. Re-grassification of all the pits completely excavated should be ensured.
- 18) Page-82- A undertaking of MDPA should be given in this page for the submission of the same.

Plates: -

- 1) Plate-4- the section line should be marked in bold line across the plan(dd'). The longitudinal section line should also be drawn where limestone is there in pit 3 &4 .
- 2) Plate 5- Two longitudinal cross section in pit 4 and one in pit 3 in should be provided for clarity.
- 3) Plate- 6 to 10 and 6a-10a- the same should be reorganised for proper mineral conservation point of view as per scrutiny comments no 13.

- 4) Plate-13- the conceptual plan is not matching with your all the plans and as per lease deed condition, hence if all other plan is changed as per scrutiny comments- 13 then the conceptual plan will match.
- 5) Plate-15- prominent wind direction should be given.

**Annexures:-**

- 1) All calculation should be given in excel sheet in CD.
- 2) All Annexure should be provided with separate colour paper with annexure number written over it.
- 3) All GPS -coordinate should be provided with .KML file in CD and in mail.