

**Scrutiny comments on REVIEW OF MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN FOR REDDIPALAYAM-PUDUPALAYAM LIMESTONE MINE (ML - 3) OF M/S. ULTRATECH CEMENT LIMITED, OVER AN EXTENT OF 32.645 HA IN REDDIPALAYAM & PUDUPALAYAM VILLAGES, ARIYALUR TALUK AND DISTRICT- TAMILNADU. (Date of inspection -11-01-2020) mine code 38TMN38015**

Top cover:- Present Review Plan Period – 2021-22 to 2025-26 should be corrected as 2021-22 as no mining activities has been given for the remaining period.

- 1) All tables should be numbered.
- 2) Page-3-para-Details of Mine plan /Scheme of Mining & in para3.1 page-17- the mine plan number TN/PBR/MS/L.ST–1261-SZ.is not correct which should be corrected as TN/PBR/MP/L.ST–1261-SZ.
- 3) Page-3 para- Details of Mine plan /Scheme of Mining- the present review of mining plan should be changed to 2021-22 only as no mining activities has been given for the remaining period and wherever required in the text.
- 4) Page-13- para-2- Period/Expiry Date- it has been mentioned that “This lease period is valid for 20 years and the expiry date is – 02.03.2026. As per Rule 8A (3) of The Mines and Minerals (Development and Regulation) Amendment Act 2015, deemed grant up to 02.03.2056 i.e. for a period of 50 years from the date of initial grant i.e. 03.03.2006” however it is not mentioned that whether the application for extension of lease has been submitted to state govt. if so copy of application should be annexed.
- 5) Page-13- if application is not made to state govt. only current period should be mentioned.
- 6) Page-16- the coordinates of HT line should also be given in separate table.
- 7) Page-28- table for borehole – Bottom RL should also be provided.
- 8) Page-31- para 1.j.2- Additional reserves established category wise (with basis and parameters considered- In this table difference in the reserve should also be indicated item wise from previous mining scheme.
- 9) Page-42 para1k- Detailed calculation of reserves/resources of Limestone (As on 01.11.2020) Cross sectional Method:- the reserve and resources should be recalculated by lengthXwidthXheight method and also the section line passing through JJ’ should also be taken in category 111.
- 10) Page-42 para1k- Since in last Mining scheme the planning of moving the HT line was outside the lease but same cannot be done significant limestone is blocked in category 221 as the HT line is shifted in the boundary of the lease. Hence the shifting of HT line across the lease and pass along the tar road will release the blocked reserve. Hence it should be explored judiciously for conservation of mineral as discussed during the field visit.
- 11) Page- 45 para-1.l.c- it has been mentioned that “A quantity of 4.493 Mil.T is blocked under the above-mentioned safety zone, which will be remaining as blocked reserves for ever as the same cannot be mined at any point of time” which should be changed as per scrutiny comments no-10.
- 12) Page-49 to 51- para-2b-l- Since the table is given for 2021-22 only the remaining period should not be given as the plan period will be 2021-22 only since no mining or any other activities has been proposed, the same should be corrected in all the text.
- 13) Page-52- the period should be given for 2021-22.
- 14) Page-58 para1- it has been mentioned that “Further, the life of the mine may not hold constant for balance period i.e., during the review of plan period, it depends on the enhancement of cement plant capacity and the limestone requirement of the cement plant, the life of the deposit may increase or decrease, accordingly the life of mine may vary from time to time.” Which is confusing since production of limestone is given only for one year and no balance reserve is shown ,hence it should be corrected or deleted.
- 15) Page-58- Final slope angle at the close of mine-it has been mentioned that “The individual bench slope will be kept at 85 degree” however in page 53 it is mentioned as 80 degree which is confusing hence it should be corrected.
- 16) Page-87- “ SUMMARY OF YEARWISE PROPOSAL FOR ITEM NO. 8.3 YEARLY PROPOSAL FOR ITEM NO. 8.3 OF PMCP FOR THE I YEAR (2021-22) FOR REDDIPALAYAM-PUDUPALAYAM LIMESTONE MINE AREA OVER AN EXTENT OF 32.645 HA- “ Nil plantation is not acceptable as the mining will be completed in the year 2021-22. Hence massive plantation activities should be proposed.
- 17) Page-92- Key Personnel and their responsibility- name of person and mobile number available throughout the plan period should be mentioned.
- 18) Page-94 8.6 Financial Assurance should be valid for 2024-25 since no FMCP has been approved. Further since in full documents mining and allied activities has been shown for 2021-22 only .as MCDR rules the FMCP is to be submitted two years before the date of actual closure of mines, hence the FMCP should be submitted immediately.

Plates:-

- 1) Plate -4 – one longitudinal section line should also be drawn.
- 2) Plate-4 – UPL should be shown in distinct colour.
- 3) Plate-5- longitudinal section line should be drawn.
- 4) Plate-5- the cross- section should be given in 1:1000 scale for clear understanding.
- 5) Plate-5- length should be mentioned in the limestone and waste.
- 6) Plate-6- working along section line JJ' should also be considered.
- 7) Plate-7 longitudinal section line should shown.
- 8) Plate-7- the production and development cross- section should be given in 1:1000 scale for clear understanding.
- 9) Plate-7- length should be mentioned in the limestone and waste.
- 10) Plate-9- - the conceptual cross- section should be given in 1:1000 scale for clear understanding.

Annexue:-

- 1) Copy of experience certificate of QP should also be annexed.**
- 2) All calculation should be given in excel sheet in CD.**
- 3) All Annexure should be provided with separate colour paper with annexure number written on the colour paper.**
- 4) The .kml file of lease and .shp file covering all features should be given in Cd and in mail.**