# SITE INSPECTION REPORT

## Prescribed vide PCCF (HoFF) No. Desk-17-4/1445, Dated 15/11/2015

| Sr. No. | Items | Observation and remarks |
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| 1. | Name of the Project and location (Range, Round, Beat) | Diversion of 12.7808 Ha. Forest (Mangroves) for the proposed construction of 5th and 6th lines between Borivali to Virar stations by Mumbai Railway Vikas Corporation Ltd. (MRVC)<br><br>Sr. No. \| Village \| Range \| Round \| Beat<br>1 \| Umele \| Mandavi \| Vasai \| Vasai |
| 2. | Name of the User Agency | Mumbai Railway Vikas Corporation, Mumbai. |
| 3. | Date of Site inspection | 27.07.2022 |
| 4. | Extent (ha.) and legal status of forest land proposed for diversion. | As per area statement (Proposal page No. 167) |
| 5. | a) Details of forest land proposed for diversion and activity-wise break-up of forest land<br>b) Density and Eco-value class | Detailed area statement Attached Annexure Page No.167.<br><br>Density : 0.6 and Eco-value class : II |
| 6. | Whether the requirement of forest land as proposed by the User Agency in Col.2 of Part-1 is unavoidable and barest minimum for the project. If no recommended area item-wise with details of alternative examined. | Yes.<br>Required forest land is barest minimum and unavoidable. |
| 7. | Whether the proposal involves any construction of building (including residential) or not? If yes, details thereof | No. |
| 8. | a) Whether forest area proposed for diversion is important from wildlife point of view or not.<br><br>b) Details of any rare or endangered or unique species of flora and fauna found in proposed forest land. If so, the details thereof. | a)The forest area proposed for diversion is important from wildlife point of view since there is a significant presence of avifauna and mangrove based life forms.<br><br>b)As per the list attached in Page No. 261 . |

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| | c) Aerial distance from the nearest boundary of any Protected Area (km)<br>d) Remarks about sensitivity of the forest area likely to be effected due to project:<br>e) Whether wildlife mitigation plan is required? If yes, reasons therefor. | c)The proposed area is 2.58 Km from Tungareshwar wildlife sanctuary.<br>d)Due to the presence of human disturbance, the area is susceptible to newer encroachments.<br>e)Yes, required.<br>Since there are presence of wildlife and avifauna across the proposed area and the proposed area is within 2.58 km of the Tungareshwar Wildlife Sanctuary. |
| 9. | Details of vegetation;<br>a) Total number of trees to be felled:<br>b) Number of trees to be felled of girth below 60 cm<br>c) Number of trees to be felled of girth above 60 cm.<br>d) Effect of removal of trees on the general ecosystem in the area. | 633<br>594<br>39<br>There will not be incremental negative effect on general ecosystem. |
| 10. | Background note on the proposal (short summary) | Project summary attached on page No. 44 to 45 . |
| 11. | Whether the proposal involves any violation of Forest (Conservation) Act 1980? If yes, a detailed report on violation including action taken against the concerned officials to be attached . | No Violation. |
| 12. | Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government? | No. |
| 13. | a) Details on catchment and culturable command area under the project (if applicable)<br>b) Status of catchment area treatment plan to prevent siltation of reservoir (if applicable) | Nil. The proposed area in the village Umele involves catchment area of the Mangrove.<br>Nil. |
| 14. | Utility of the project | This Poject is construction of 5th and 6th lines between Borivali to Virar stations by Mumbai Railway Vikas Corporation Ltd.and requires minimum area of Forest area. |

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| 15. | Whether land being diverted has any socio-cultural/religious value? Whether any scared grove or very old growth trees/forest exist in the areas proposed for diversion? | No |
| 16. | Any other important information related to the project (Separate note may be attached, if required) | -- |
| 17. | Details of documents and photographs enclosed: | All related Maps enclosed. |
| 18. | Recommendation of the Inspecting Officer. (CCF/CF/DCF) | The Project is undertaken by government of India (MRVC) is part of public infrastructure facility and essential for convenient, fast and safe travel. Hence this public infrastructure is of utmost need and the Un-notified mangrove land involved is unavoidable due to the existing alignment of the railway line over non forest land.<br>Hence, the proposal is recommended for acceptance. The NPV rate to be charged for the Un-notified mangrove land is to be at the rate of Eco Class I.<br>The Project Authority should bear the necessary amount for survey and demarcation, Artificial Bird nests, Watch Tower- 1 Nos., Two storied Forest Check Post –1 Nos. and CCTV System for effective protection of balance forest area along with Proposed Mumbai Rail Vikas Corporation project.No construction debris/remains should be dumped in mangrove area. Once the construction is over the RoW should be restored with mangroves.<br><br>The proposal is being recommended for acceptance. |

(Madhumitha S.)
Deputy Conservator of Forests,
Dahanu Forest division, Dahanu.

Place :Dahanu
Date : 10/10/2022.