

The 342nd meeting of the State Expert Appraisal Committee (SEAC) was held on 18th February, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. Sonal Mehta, Member.
3. Shri Prashant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5636/2017 Executive Engineer, M/s Narmada Valley Development Authority, N.D. Div. No. 14, Thikri, Distt. Barwani. Prior Environment Clearance for Micro Lift Irrigation Scheme Cultivable Command Area-38,412 ha, Gross Command Area-46,447.46 ha, at Near Village Chichali, Tehsil - Kasrawad, Dist. Khargone, MP. Cat. - 1(c) River Valley Project. FoR – EIA/EMP Presentattion. Env. Con. – R S Enviro Technologies Pvt. Ltd. Gurgaon.**

This is case of Prior Environment Clearance for Micro Lift Irrigation Scheme Cultivable Command Area-38,412 ha, Gross Command Area- 46,447.46 ha, at Near Village Chichali, Tehsil - Kasrawad, Dist. Khargone, MP and falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

The case was presented by the PP and their consultant in 307th SEAC meeting dated 23/02/2018, wherein during presentation PP informed that 02 ha forest area is involved in the project and thus FC clearance should be obtained and necessary details shall be submitted with the EIA report. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TORs:

1. A detail of the source (quantum of water available, other potential users etc.) from where water is envisaged to be lifted shall be furnished.
2. R&R scheme (If applicable) as per EIA notification and other relevant laws shall be submitted.
3. Places where diversions of nallah/natural drains are proposed should be detailed out in the EIA report.

4. Solid waste management plan (including waste generated from the metal cutting etc) should be discussed in the EIA report.
5. If ant tree falling is proposed their details with number & species shall be provided in the EIA report.
6. Sedimentation study in the pipe lines including the deposition, scaling etc should be furnished with EIA report along with the methodology proposed for its cleaning.
7. Minimum 08 locations shall be selected for AAQM and noise level monitoring for this project.
8. Economic viability and cost benefit analysis be conducted and presented in the EIA report and should also take into consideration environmental/ecological factors.
9. How micro-irrigation technology shall be implemented in this project after the completion of the project should be discussed in the EIA report.
10. The study area for the EIA shall include 2.5 Km area on either sides of the pipeline.
11. Management plan for dug-out material generated during laying / construction of the pipe line / structures.
12. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
13. An inventory of flora & fauna based on actual ground survey shall be presented.
14. PP should also explore the possibility of reducing proposed power requirement and methods proposed for dealing with back pressure in case of electricity failure should be studied in the EIA report.
15. EIA report should cover impact of anticipated change in cropping pattern and associated activities like horticulture, animal husbandry etc.
16. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
17. Since all the pumping stations are in remote locations, mechanism of providing power supply to them should be discussed in the EIA report. If fresh HT lines are proposed to be laid down issues such as land acquisition should be detailed out in the EIA report. For lying transmission line, if there is involvement of forest land, same should be added in the FC proposal.
18. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
19. Risk factors with their management plan should be discussed in the EIA report.
20. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
21. The EIA document shall be printed on both sides, as far as possible.
22. All documents should be properly indexed, page numbered.
23. Period/date of data collection should be clearly indicated.

24. The letter /application for EC should quote the SEIAA file No. and also attach a copy of the letter prescribing the TOR.
25. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
26. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
27. Grant of TOR does not mean grant of EC.
28. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
29. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
30. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.

PP has submitted the EIA report vide letter no. -171 dated 02/02/2019 which was forwarded through SEIAA vide letter no. 2201 dated 11/02/2019

In this meeting the case was presented by PP and their consultant wherein PP submitted that:

- As per EIA Notification of September 2006 and subsequent amendments, Irrigation Projects, listed at item 1(c) of Schedule, having culturable command area (CCA) greater than or equal to 10,000 ha and less than 50,000 ha are considered as category B1 project; and are therefore be appraised by the SEIAA.
- In this project there is no involvement of forest land these locations and transmission line routes so planned to avoid any forest land diversion also towers will not be erected on forest land.
- Study was conducted during July-Sept 2018; Public Hearing was conducted on January 05, 2019 and January 08, 2019 in district Barwani and Khargone respectively.

- Nagalwadi Micro Lift Irrigation Scheme is planned to irrigate 47,000 ha of Culturable Command Area (CCA) spread in 104 villages:
 - 39 villages of Segaon tehsil of Khargone district
 - 21 villages of Khargone tehsil of Khargone district,
 - 4 villages of Thikri tehsil of Barwani district
 - 42 villages of Rajpur tehsil of Barwani district
- The project is a lift irrigation scheme; consisting of lifting water from Narmada river and distribution through a pressurized piped system to cultivators for irrigation during Rabi season.
- Water will be supplied upto 2.5 ha chak size under adequate pressure (minimum 20m head) for drip/sprinkler system to be installed by cultivators.
- The Project consists of following Components:
 - Pumping Stations (5)
 - Rising mains (5)
 - Distribution Network (MS/DI/HDPE) up to 2.5 ha chak
 - Flow & Pressure Control Valves, Air valves
 - Power Transmission Line

After presentation PP was asked to submit following informations:

1. Break-up disposable plan of muck management plan.
2. Commitment of PP that muck disposal will be carried out only after the consent of gram panchayat.
3. Who will take-up the afforestation?
4. Proposed locations of afforestation in the project with names of species and duration for which these plants will be maintained by the PP.
5. Revised table of CSR including proposal for vaccination program in 104 villages.
6. Copy of the EHS approved policy.
7. Commitment of PP for awareness programmes, occupational health checkups, first aid crèches.
8. Revised EMP budget as suggested by committee.

PP vide letter dtd. 18.02.2019 submitted reply of the above query. The query reply was presented before the committee which was found satisfactory and acceptable hence the case was recommended for grant of prior EC for Micro Lift Irrigation Scheme Cultivable Command Area-38,412 ha, Gross Command Area- 46,447.46 ha, at Near Village Chichali, Tehsil - Kasrawad, Dist. Khargone, MP. Cat. - 1(c) River Valley Project with subject to the following special conditions and forest clearance:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/pumping station erection, curtaining of site should be carried out to protect nearby areas.
2. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
3. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
4. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
5. For dust mitigation measures following measures shall be adopted:
 - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
 - No excavation of soil shall be carried out without adequate dust mitigation measures in place.
 - No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
 - Wind-breaker of appropriate height minimum 03 meters shall be provided.
 - Water sprinkling system shall be put in place.
 - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
 - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
 - No uncovered vehicles carrying construction material and waste shall be permitted.
 - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
6. PP will obtain other necessary clearances/NOC from respective authorities.
7. Provisions shall be made for the housing of construction/ pumping station erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

8. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.

9. Fire extinguishers should be provided on site during construction/ plant erection period.
10. First-aid facilities should be provided in the all permanent pump house stations and in the shelter home with the first –aid training to the key person.
11. Solar lighting shall be used for auxiliary supply.
12. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
13. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
14. CAT shall be executed and completed prior to the water filling in the dam.
15. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
16. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
17. The existing and proposed land use plan of the mine is as follows:

Land use/ Land cover Classes	Area (%)
Deciduous Forest	2.32
Scrub Forest	4.32
Scrub Land	9.84
Agriculture/ Fallow Land	80.1
Mining	0.43
Settlement	0.51
Water body	2.49
Total	100.00

18. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
19. Plantation in patches in suitable land all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the

landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

20. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
21. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
22. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

23. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
24. The Project consists of five Pumping Stations (5) and five Rising mains (5).
25. Total Allowable Power for this project shall be 99201.72342 MW.
26. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
27. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
28. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
29. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
30. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
31. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
32. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
33. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.

34. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
35. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
36. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

37. A total budgetary provision of Rs. 1248.00 Lakh has made for Environmental Management Plan, out of which 450.00 Lakhs for Biodiversity Conservation Plan and 150.00 lakhs is for Greenbelt Development.
38. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
39. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
40. All commitments pertaining to public hearing shall be mandatory on part of PP.
41. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
42. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
43. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
44. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
45. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. **Case No. - 5742/2018 The Executive Engineer, Narmada Development Division No. 30, Dhar Road - Manawar, Distt. - Dhar, (M.P.) – 454446. Prior Environment Clearance for Narmada - Jhabua-Petlawad – Thandla – Sardarpur Lift Irrigation Scheme. To cater irrigation water to about 57,422 ha.of CCA in Jhabua and Dhar Distt. In Malwa region along with water for drinking and irrigation purposes. Total 202 Villages of Dhar and Jhabua District (Jhabua 73, Petlawad 27, Thandla 32, Meghnagar 18 Sardarpur 55 Dhar District) will be benefited by this Scheme. (i) Supply Source: Lift Irrigation Scheme at Lifting Point: Malwada, Tehsil – Kukshi Submergence of Sardar Sarowar.Village-Malwada (Nisarpur) Tehsil - Kukshi Distt. – Dhar. (ii) Distribution Point: Near Village-Ukala, Tehsil- Sardarpur, Distt.- Dhar (M.P.) Cat. - 1(c) River Valley and Hydroelectric Projects. FoR – EIA/EMP Presentattion. Env. Con. – R . S. Enviro Technologies Pvt. Ltd. Gurgaon.**

This is a River Valley projects involving < 10,000 ha. of culturable command area falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

The case was presented by the PP and their consultant in 327th SEAC meeting dated 07/09/2018, wherein during presentation it was submitted by the PP that no submergence is involved in the project. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TOR's as annexed in annexure-D:

1. A detail of the source (quantum of water available, other potential users etc.) from where water is envisaged to be lifted shall be furnished.
2. Places where diversions of nallah/natural drains are proposed should be detailed out in the EIA report.
3. Sedimentation study in the pipe lines including the deposition, scaling etc should be furnished with EIA report along with the methodology proposed for its cleaning.
4. Economic viability and cost benefit analysis be conducted and presented in the EIA report and should also take into consideration environmental/ecological factors.
5. How micro-irrigation technology shall be implemented in this project after the completion of the project should be discussed in the EIA report.
6. The study area for the EIA shall include 2.5 Km area on either sides of the pipeline.
7. Management plan for dug-out material generated during laying / construction of the pipe line / structures.

8. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
9. An inventory of flora & fauna based on actual ground survey shall be presented.
10. As forest land is involved in the project status of FC stage to be clarified with supporting documents.
11. PP should also explore the possibility of reducing proposed power requirement and methods proposed for dealing with back pressure in case of electricity failure should be studied in the EIA report.
12. EIA report should cover impact of anticipated change in cropping pattern and associated activities like horticulture, animal husbandry etc.
13. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
14. Ratio of gravity flow and pumping should be studied in the EIA report as 03 pumping stations are proposed in the project.
15. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
16. Risk factors with their management plan should be discussed in the EIA report.
17. Intensive flora and fauna should be studied as project is in close proximity with Wildlife Sanctuary (if any).

PP has submitted the EIA report vide letter no. 345 dated 01/02/2019 which was forwarded through SEIAA vide letter no. 2199 dated 11/02/2019

In this meeting the case was presented by PP and their consultant wherein PP submitted that the entire micro irrigation system has been aligned in such a way, that it passes through minimum forest area, however for lying of rising/ gravity mains approximate 68.750 ha of forest land shall be required. PP has submitted proposal for diversion of forest land vide reference no. FP/MP/IRRIG/38785/2019 and given reference of Ministry's O.M. of dated 19.March 2013. PP further stated that:

- As per MOEF notification Part II Section – 3(II) dated 1.12.2009 SO 3067 (E) page no 18 under V - Irrigation projects not involving submergence or inter-state domain shall be appraised by SEIAA as Category B project.
- Study was conducted during Sept-Nov 2018; Public Hearing was conducted on December 19, 2018 and January 24, 2019 in district Jhabua and Dhar respectively.
- The project is a lift irrigation scheme; consisting of lifting water from Narmada river and distribution through a pressurized piped system to cultivators for irrigation during Rabi season.

- Water will be supplied upto 2.5 ha chak size under adequate pressure (minimum 20m head) for drip/sprinkler system to be installed by cultivators.
- Narmada-Jhabua-Petlawad-Thandla-Sardarpur Micro Lift Irrigation Scheme is planned to irrigate 57,422 ha of Culturable Command Area (CCA) spread as:
- For construction of pump houses and distribution chambers, private/revenue land of about 12.2 ha shall be required.
- 133 KV dedicated transmission line is required to bring power to the four pump-houses. Power Line will be brought from Susari Village; total length will be 63.4 Km and 200 tower will be erected along the road for the purpose. Transmission lines routes are planned in a manner so that these tower will not be erected on forest land.
- The pipe shall be laid 1.20 m below average ground level and land will be restored immediately on completion of the work, therefore, no land for laying of pipes shall be acquired permanently. Wherever, the pipeline will be pass through private land, temporary land acquisition will be done as per the applicable law.
- Total temporary private/ govt. land requirement is worked out as 836.60 ha.

After presentation PP was asked to submit following informations:

1. Break-up disposable plan of muck management plan.
2. Commitment of PP that muck disposal will be carried out only after the consent of gram panchayat.
3. Who will take-up the afforestation?
4. Proposed locations of afforestation in the project with names of species and duration for which these plants will be maintained by the PP.
5. Revised table of CSR including proposal for vaccination program in 104 villages.
6. Copy of the EHS approved policy.
7. Commitment of PP for awareness programmes, occupational health checkups, first aid crèches.
8. Revised EMP budget as suggested by committee.
9. Breakup of forest land. (RF/PF)

PP vide letter dtd 18.02.2019 submitted reply of the above query. The query reply was presented before the committee which was found satisfactory and acceptable hence the case was recommended for grant of prior EC for Narmada - Jhabua-Petlawad – Thandla – Sardarpur Lift Irrigation Scheme. To cater irrigation water to about 57,422 ha.of CCA in Jhabua and Dhar Distt. In Malwa region along with water for drinking and irrigation purposes. Total 202 Villages of Dhar and Jhabua District (Jhabua 73, Petlawad 27, Thandla 32, Meghnagar 18 Sardarpur 55 Dhar District) will be benefited by this Scheme. (i) Supply Source: Lift Irrigation Scheme at Lifting Point: Malwada, Tehsil – Kukshi Submergence of

Sardar Sarowar.Village- Malwada (Nisarpur) Tehsil - Kukshi Distt. – Dhar. (ii) Distribution Point: Near Village- Ukala, Tehsil- Sardarpur, Distt.- Dhar (M.P.) with subject to the following special conditions and forest clearance:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/pumping station erection, curtaining of site should be carried out to protect nearby areas.
2. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
3. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
4. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
5. For dust mitigation measures following measures shall be adopted:
 - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
 - No excavation of soil shall be carried out without adequate dust mitigation measures in place.
 - No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
 - Wind-breaker of appropriate height minimum 03 meters shall be provided.
 - Water sprinkling system shall be put in place.
 - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
 - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
 - No uncovered vehicles carrying construction material and waste shall be permitted.
 - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
6. PP will obtain other necessary clearances/NOC from respective authorities.
7. Provisions shall be made for the housing of construction/ pumping station erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

8. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
9. Fire extinguishers should be provided on site during construction/ plant erection period.
10. First-aid facilities should be provided in the all permanent pump house stations and in the shelter home with the first –aid training to the key person.
11. Solar lighting shall be used for auxiliary supply.
12. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
13. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
14. CAT shall be executed and completed prior to the water filling in the dam.
15. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
16. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
17. The existing and proposed land use plan of the mine is as follows:

Land use/ Land cover Classes	Area (%)
Forest	7.99
Scrub Forest	6.44
Scrub Land	7.58
Agriculture/ Fallow Land	73.29
Settlement	1.01
Water body	3.9
Total	100.00

18. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.

19. Plantation in patches in suitable land all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
20. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
21. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
22. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

23. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
24. The Project consists of four Pump house (4 nos.) and five Rising mains (5nos.).
25. Total power consumption for all pumps shall be 99.20172342 MW.
26. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
27. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
28. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
29. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
30. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
31. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
32. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
33. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and

Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.

34. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
35. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
36. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

37. A total budgetary provision of Rs. 2279.50 Lakh has made for Environmental Management Plan, out of which 300.00 Lakhs for Biodiversity Conservation Plan and 100.00 lakhs is for Greenbelt Development.
38. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
39. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
40. All commitments pertaining to public hearing shall be mandatory on part of PP.
41. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
42. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
43. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
44. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
45. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change

in product - mix in proposed mining unit shall require a fresh Environment Clearance.

3. **Case No. - 5809/2018 M/s Arpan Enterprises, Shri Vishwas Panwar, Proprietor, 100, Vikas Nagar, Scheme No. 14/4, Dist. Neemuch, MP Prior Environment Clearance for Laterite Quarry in an area of 24.093 Ha. (Laterite – 51,832 ton per annum, Salable waste material as Murrum - 5000 cum) (Khasra No. 2214/3 (part) at Village- Kasba Agar, Tehsil - Agar, Dist. Agar Malwa (MP).**

This is case of Prior Environment Clearance for Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area of 24.093 Ha. (Laterite - 51832 ton per annum, salable waste material as Murrum - 5000 cum) (Khasra No. 2214/3 (part)) at Village- Kasba Agar, Tehsil - Agar, Dist. Agar Malwa (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 293 dated: 07/08/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 340th SEAC meeting dated 30/01/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting, PP and their consultant presented the case. Committee after presentation decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's and as per Annexure D:-

1. As per Tehsildar letter dtd. 02.08.2018 mentioned a school is within 500 meters address this sensitive issue in the EIA report.
2. A large water body in the southern direction which is noticed in the Google image discuss in EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.

4. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
5. Permission from competent authority shall be required to sell out Murrum as Murrum has not mentioned in the mining plan.
6. In the Google image settlement are seeing in the southern end of the lease, address this issue in the EIA report.
7. Transportation plan & traffic management plan should be discussed in the EIA report.
8. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
9. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
10. At least 08 stations should be selected for monitoring with two stations on transportation route and results should be discussed in the EIA report.
11. Vertical R.L. wise geological section upto ground water table in the study area should be carried out to ensure that no ground water intersection being done.
12. Maintain ZLD in the lease area.
13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
18. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.

4. **Case No.-5779/2018 M/s Shakuntala Enterprises Pvt. Ltd, 36, Navagaon, Rampur, Dist. Jabalpur, MP – 482003 Prior Environment Clearance for Marble Quarry in an area of 9.18 Ha. (Marble Block - 6035 cum per annum, Salable waste material – 14,081 cum per annum) (Khasra No. 734, 735/1, 735/2, 735/3, 736, 737, 738, 740, 777, 778, 779) at Village-Nimas, Tehsil - Bahoriband, Dist. Katni (MP).**

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 734, 735/1, 735/2, 735/3, 736, 737, 738, 740, 777, 778, 779) at Village- Nimas, Tehsil - Bahoriband, Dist. Katni (MP) 9.18 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Officer, Distt. Katni vide letter No. 3637 dated: 14/09/2019 there are 15 mines within 500 mts. Out of 15 mines 11 mines are sanction prior to 9/9/13. Only 04 mine with area $9.18 + 9.20 + 4.83 + 1.17 = 24.38$ ha are falling within the cluster criteria.

Earlier this case was scheduled for presentation in 340th SEAC meeting dated 30/01/2019, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 337th SEAC meeting dated 01/01/2019 & 334th SEAC meeting dated 30/11/2018. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting , PP and their consultant presented the case : committee after presentation decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's and as per Annexure D:-

1. Cumulative impacts of the surrounding mines in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report as there are large number of movement of vehicles are proposed.
3. A natural drain is in existence on the northern side of the lease for which protection plan shall be discussed in the EIA report.
4. Slurry of Marble management issue, as no water shall be come out from the lease.
5. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
6. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
7. In the Google image settlement are seeing in the southern end of the lease, address this issue in the EIA report.
8. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
9. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
10. At least 08 stations should be selected for monitoring with two stations on transportation route and results should be discussed in the EIA report.
11. Vertical R.L. wise geological section upto ground water table in the study area should be carried out to ensure that no ground water intersection being done.
12. Maintain ZLD in the lease area.

13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
18. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.

5. **Case No. - 5808/2018 Shri Vidya Prakash Shrivastava, Proprietor, Indira Nagar, Dist. Rewa, MP Prior Environment Clearance for Laterite Quarry in an area of 10.433 Ha. (20,000 ton per annum) (Khasra No. 34) at Village- Dongariha, Tehsil - Simaria, Dist. Rewa (MP).**

This is case of Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 34) at Village- Dongariha, Tehsil - Simaria, Dist. Rewa (MP) 10.433 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 9797 dated: 22/10/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in 340th SEAC meeting dated 30/01/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting, neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings giving last chance and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

6. Case No. - 5836/2019 Shri Anil Pandey, Proprietor, Pandey Gas Agency, Village & Post - Semariya, Dist. Rewa, MP – 486445 Prior Environment Clearance for Laterite & Ochre Quarry in an area of 6.81 Ha. (16,128 Tonne per annum and 39,643 Tonne per annum) (Khasra No. 2) at Village- Bhamra, Tehsil - Semariya, Dist. Rewa (MP).

This is case of Prior Environment Clearance for Laterite & Ochre Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area of 6.81 Ha. (16,128 Tonne per annum and 39,643 Tonne per annum) (Khasra No. 2) at Village- Bhamra, Tehsil - Semariya, Dist. Rewa (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 9715 dated: 18/10/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 22.347 ha., including this mine.

In this meeting, the case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP.

7. Case No. - 5845/2019 Smt. Sarita Singh Rajput, 193-1, AB Road, Nayapura, Laxmiganj, Lashkar, Dist. Gwalior, MP – 474001 Prior Environment Clearance for Red Ochre in an area of 4.90 Ha. (40,320 cum per annum) (Khasra No. 166/1, 167/1) at Village- Par, Tehsil - Ghatigaon, Dist. Gwalior (MP).

This is case of Prior Environment Clearance for Red Ochre. The application was forwarded by SEIAA to SEAC for appraisal. The proposed area of 4.90 Ha. (Khasra No. 166/1, 167/1) at Village- Par, Tehsil - Ghatigaon, Dist. Gwalior (MP). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. ML-01 dated: 10/01/2019 has reported that there is no more mine operating or proposed within 500 meters around the said.

SEIAA vide letter no. 2146 dtd. 06.02.2019 forwarded a complaint from Shri Rajendra Singh Yadav, Gwalior vide dated 29.01.2018.

The case was presented by the PP and their consultant wherein it was informed to the committee that a complaint has been received for this lease which is forwarded by the SEIAA. PP submitted that the complainant has made the complaint about the allotment of lease and they have got valid lease from the competent authority. PP further submitted that complainant has also contested for this lease allotment and since the lease is not allotted to him he is making complaints. Committee examines the contents of the complaint and observed that the complaint is about the allotment of lease and as per file records, the lease is allotted by the competent authority by letter dated 15/06/2018. Committee after deliberations decided that the SEIAA may look in to this issue because no questions relating to environmental have been raised by the PP in this complaint for appraisal/ consideration by SEAC. During appraisal of the project it was observed that the lease area is falling on the top of hill which is extended towards NE-SE direction, the height of the hill is approximately 32 meter. It was further observed that a village on the south eastern side of the foot hill is located at approx 150 meters distance for which PP submitted that no drilling and blasting is proposed in this project and retaining wall will also be provided as a safety measures for villagers.

After presentation PP was asked to submit following information:

1. Revised EMP with budgetary provisions for OHS, road maintenance cost and dust suppression through pipeline.
2. Revised land use plan for existing period, SOM and for conceptual period.
3. Disaster Management Plan.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for Red Ochre in an area of 4.90 Ha. (40,320 cum per annum) (Khasra No. 166/1, 167/1) at Village- Par, Tehsil - Ghatigaon, Dist. Gwalior (MP)., subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.

2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

8. PP shall use the rock breakers for the mining purposes and no drilling and blasting shall be deployed.
9. Retaining wall with drain shall be provided all around the down side of the hillock to arrest storm water.
10. PP shall carry out slope stability study once in year and report shall be submitted MP, SEIAA/ SEAC.
11. PP shall construct a pucca road for transportation of material.
12. Provision of solar pumps shall be made for various purposes during mining operation.
13. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 3302 no's of trees will be planted along and within the ML.
15. Transportation of material shall be done in covered vehicles.
16. Transportation of minerals shall not be carried out through forest area.
17. The OB as Murrum shall be utilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
18. No water shall be discharged outside the mine and "Zero Liquid Discharge" should be maintained.
19. Details of proposed garland drain and siltation pond.

Details of Garland Drain, Catch Drain and Siltation Pond:	
<u>Garland Drain & Catch Drain</u>	<u>No. of Siltation Pond</u>
2 Garland Drains surrounding the lease area. 1. Garland Drain 361.55m. (Length) in the West Direction of the lease area. 2. Garland Drain 580m. (Length) in the NE & E Direction of the lease area.	4 Siltation Ponds. (Size of 1 Siltation pond is 6x5x3 m.)
1 Catch Drain surrounding the pit area. 459m. (Length)	

20. Water sprinkling through tankers should be provided on 500 meter long and 06 meter wide haul road. However, regular water spraying should also be practiced on 70 meters long and width 06 meters wide transport road for dust suppression.
21. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
22. The existing and proposed land use plan of the mine is as follows:

S. No.	Details	Area put on use at start of scheme (In Ha.)	Additional requirement during scheme period (In Ha.)	Total end of Scheme period (In Ha.)	End of life of the mine (In Ha.)
A	B	C	D	E	F
1	Area under mining	3.0256	2.6404	5.666	8.9725
2	Storage for top soil	0.0	0.0	0.0	0.0
3	Overburden/ waste dump	0.0	0.0	0.0	0.0
4	Mineral Storage	0.0	0.0	0.0	0.0
5	Infrastructure (Workshop, administrative building etc.)	0.0030	0.0	0.0030	0.0
6	Roads	0.2322	-0.0175	0.2147	0.0
7	Railways	0.0	0.0	0.0	0.0
8	Green Belt	0.0225	0.1000	1.0275	1.0275
9	Plantation outside the lease area*	0.0	2.2725*	2.2725*	2.2725*

10	Tailing Pond	0.0	0.0	0.0	0.0
11	Effluent Treatment Plant	0.0	0.0	0.0	0.0
12	Mineral Separation Plant	0.0	0.0	0.0	0.0
13	Township Area	0.0	0.0	0.0	0.0
14	Other to specify i.e. Kachha Rasta	0.0	0.0	0.0	0.0
15	Total land put in used	3.2833	2.7229	6.0062	0.0
16	Remaining area	6.7167	0.0	3.9938	0.0
Grand Total		10.00	0.0	10.00	10.00

23. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
24. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
25. The commitments made in the public hearing are to be fulfilled by the PP.
26. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
27. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

28. The proposed EMP cost is Rs. 127.10 lacks and Rs. 33.15 lacks /year is proposed as recurring expenses and under CSR Rs. 65,000 /year is proposed.
29. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
30. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

32. PP will comply with all the commitments made vide letter dated 25.10.2018.
33. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

8. **Case No. - 5839/2019 M/s Suneeta Chemicals, Plot No. 24, Sector-A, Industrial Area, Sanwer road, Indore, MP – 452015 Prior Environment Clearance for Manufacturing of Bulk Drug & Intermediate with production capacity of 26,500 kg/month and 29.30 kg/day of by-product at Plot No. 16, 17, 20 & 24, Sanwer Road, Industrial Area, Sector-A, Indore .Cat. - 5(f) Project Synthetic Organic Chemicals Industry (Bulk Drug). For -**

This is a case Prior Environment Clearance for Manufacturing of Bulk Drug & Intermediate with Production Capacity – 26,500 kg/month and 29.30 kg/day of by-product at Plot No. 16, 17, 20 & 24, Sanwer Road, Industrial Area, Sector-A, Indore, (M.P.) The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings

9. **Case No. - 5843/2019 Shri Ramakanthi S/o Shri Jageshwar Brahmin, Gram Goyra, Gourihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Sand Mine in an area of 1.0 Ha. (21,375 cum per annum - 1st year, 15,390 cum per annum - 2nd year) (Khasra No. 384/1, 384/2) at Village- Goyra, Tehsil - Gaurihar, Dist. Chhatarpur (MP) (Temporary Permit)**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 384/1, 384/2) at Village- Goyra, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 483 dated: 24/01/19 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the filled due to erosion and recurrence of flood in Ken River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast semi mechanized. As per the Google image it was observed that approx 08 to 10 trees are in existence in lessee. PP submitted that no tree will be uprooted during mining. After presentation the committee asked to submit following details:

- Commitment from PP that no tree shall be uprooted falling within the lease area.
- Revised Water Demand Chart as suggested by committee.
- Inventory of the lease with details of girth with name of tree species.
- Details of machine deployment.
- Land use details of existing and conceptual period.
- Revised EMP as suggested by the committee
- Revised budget for Occupational Health check- up, PPE's, First Aid, shelters & toilet for workers.

10. Case No. - 5844/2019 Sarpanch, Gram Panchayat, Village - Fattehpur, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516. Prior Environment Clearance for Sand Mine in an area of 2.0 Ha. (57,000 cum per annum) (Khasra No. 2/2 Part) at Village- Fattehpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2/2 Part) at Village- Fattehpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Nayab Tehsildar Office, Sarbai, Tehsil Gaurihar, Distt. Chhatarpur vide letter No. 55 dated: 17.04.2018 has enclosed report of R.I. Patwari Halka no. 49 that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During examination of case file it was observed by the committee that PP has attached the copy of consent issued by MP Pollution Control Board on dated 01/10/2018 for which PP submitted that earlier they have obtained EC from DEIAA issued by letter no. 4758/DEIAA/2018 dated 24/09/2018. PP further submitted that on verbal instruction of mining officer, they have again applied for EC from SEIAA. Committee after deliberation decided that case may be referred back to SEIAA for providing guidelines/instructions about the appraisal of such cases which have already obtained EC from DEIAA which is valid as the same has not been withdrawn by competent authority and issued prior to the OM dated 12/12/2018 issued by MoEF&CC.

11. Case No. - 5842/2019 Smt. Shobha Garg W/o Shri Mahesh Chandra Garg, Chandni Chowk, Tehsil - Sironj, Dist. Vidisha, MP -464228 Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 Ha. (20,562 cum per annum) (Khasra No. 23/2/1, 25/1/8 Parts) at Village- Kasba Sironj, Tehsil - Sironj, Dist. Vidisha (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/2/1, 25/1/8 Parts) at Village- Kasba Sironj, Tehsil - Sironj, Dist. Vidisha (MP) 02.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office vide letter No. 1143 dated: 01/09/18 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant wherein it was observed from the Google image that a Pucca road is in existence on the southern side of the lease at a distance of 200 meters and kachha road at north-east side at 300 meters and is sufficiently away from the lease. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,562 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Water body in the south-western and southern side of the lease so proper fencing /precaution should be taken.
10. Mine water should not come out from the lease .
11. No explosive will be stored at mine site.
12. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
13. No dump shall be stacked outside the lease area.
14. Top soil shall be simultaneously used for the plantation.
15. 1000 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
16. A budgetary provision for Environmental management Plan of Rs. 7.62 Lakh, out of which Rs. 0.40 Lakh for monitoring, 3.0 lakh for plantation 0.225 lakh for PPEs and 0.20 Lakh for health checkup.
17. Under CSR Rs. 0.50 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

12. Case No. - 5846/2019 Shri Kamal Singh Parihar S/o Shri Shankar Singh Parihar, H.No. 234568, Post. Lotiya Kishna, Village - Bargadi, Tehsil - Board, Dist. Agar Malwa, MP – 465441. Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 Ha. (6,000 cum per annum) (Khasra No. 13/2) at Village- Bargadi, Tehsil - Barod, Dist. Agar Malwa (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 13/2) at Village- Bargadi, Tehsil - Barod, Dist. Agar Malwa (MP) 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 637 dated: 17/01/19 has reported that there is one more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

In this meeting the case was presented by the PP and their consultant wherein it was observed from the Google image that a Pucca road is in existence on the southern side of the lease at a distance of 60 meters and sheds on the southern-west side at a distance of 130 to 150 meters and is sufficiently away from the lease. It was also observed that a large Pit of exhausted mine is in existence on the northern side of the lease as per Google image October 2018; hence PP should take extra safeguard by fencing his lease. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side in the southern end) shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.

7. No overcharging during blasting to avoid vibration and muffle blasting shall be adopted.
8. Water body in the south-western and southern side of the lease so proper fencing /precaution should be taken.
9. Mine water should not come out from the lease.
10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.
14. 1000 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs. 7.62 Lakh, out of which Rs. 0.30 Lakh for monitoring, 3.0 lakh for plantation 0.40 lakh for PPEs and 0.20 Lakh for health checkup.
16. Under CSR Rs. 0.50 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

13. Case No. - 5851/2019 Shri Sourabh Rai S/o Shri Munna Lal Rai, Dist. Hoshangabad, MP – 487661 Prior Environment Clearance for Sand Quarry in an area of 2.750 Ha. (30,272 cum per annum) (Khasra No. 152/4, 154/12), Village- Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 152/4, 154/12), Village- Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 2.750 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. NIL dated: NIL has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The PP stated that this sand quarry is it is a Khodu Bharu mine situated at Dudhi River and which is flowing through narsinghpur district. Most part of the river passess through hilly forest area. The drainage basins of these

rivers are separated by water divide. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. As per mine plan the depth for first year is 1.1 meters and second year is 1.1 meters. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

- Production of Sand as per mine plan with quantity not exceeding 30,272 cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- 280 trees shall be planted in the barrier zone, approach road and at nearby villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental Management Plan of Rs. 8.27Lakh.
- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.00 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

14. Case No. - 5852/2019 Shri Avendra Singh S/o Shri Umesh Singh, Chankyapuri, Near Girls Colledge, Dist. Sehore, MP – 466001. Prior Environment Clearance for Crusher Stone Quarry in an area of 1.990 Ha. (12,000 cum per annum) (Khasra No. 1/1), Village- Molga, Tehsil - Sehore, Dist. Sehore (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village- Molga, Tehsil - Sehore, Dist. Sehore (MP) 1.990 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 9264 dated: 24/1/19 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. After presentation the committee was asked to submit following information:

1. Details of machine capacity & manpower deployed.
2. Proposal for bench configuration 3x5 meters.
3. EHS flow chart.
4. Settling tank & Garland drain budget provision in EMP.
5. Provision of medical checkup, toilets and wire fencing in the EMP

Vide letter dtd. 18.02.2019, the PP has deposited desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,000 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side in the southern end) shall be carryout in the periphery of the lease.
4. Bench configuration shall be 3x5 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health survey shall be carryout/
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.

14. Kachha road from mine site to the village road shall be made pakka and maintained by PP.
15. No dump shall be stacked outside the lease area.
16. Top soil shall be simultaneously used for the plantation.
17. 1000 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
18. A budgetary provision for Environmental management Plan of Rs. 7.00 Lakh, as capital and Rs. 3.50/ year as recurring out of which 3.5 lakh for plantation.
19. Under CSR Rs. 0.60 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

15. Case No. - 5854/2019 Shri Shivnaryan Mishra, Sadipur Khurd, Fatehpur, UP – 471515 Prior Environment Clearance for Sand Quarry in an area of 1.618 Ha. (32,817 cum per annum) (Khasra No. 610/13/1), Village- Barua, Tehsil - Gorihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 610/13/1), Village- Barua, Tehsil - Gorihar, Dist. Chhatarpur (MP) 1.618 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 619 dated: 01/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine around the said mine with total area of 4.928 ha., including this mine.

The case was presented by the PP and their consultant. The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in Ken River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. There are 4 trees within the lease area in the North- West corner of the lease and PP committed that no tree shall be uprooted and they will left this area for mining. After presentation the committee asked to submit following details:

- Revised Plantation species and number as suggested.
- Commitment of PP that no tree falling will be done as proposed during presentation.
- No. of labours and name and nos. of machine with capacity deployed for mining.

- Revised CSR activity in the affected village as suggested by the committee.
- Revised EMP activity with appropriate budget as suggested by the committee.

(Dr. Mohd. Akram Khan)
Member

(Dr. Sonal Mehta)
Member

(Shri Prashant Srivastava)
Member

(Dr. J. P. Shukla)
Member

(R. Maheshwari)
Member

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.

5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies

(tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.

7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. NOC of gram panchayat should be obtained for the water requirement.
12. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
13. The mining shall be carried out strictly as per the approved mining plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
10. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
11. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
12. Grant of TOR does not mean grant of EC.
13. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
14. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The

- consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
15. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
 16. All the necessary NOC's duly verified by the competent authority should be annexed.
 17. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
 18. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
 19. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 20. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 21. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 22. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
 23. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

24. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
25. Detailed analysis of availability and quality of the drinking water resources available in the block.
26. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.

27. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.