

The 206th meeting of the State Expert Appraisal Committee (SEAC) was held on 21st July, 2015 under the Chairmanship of Dr. R. B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Shri K.P Nyati, Member
3. Dr. U.R. Singh, Member
4. Shri A.P. Srivastava, Member
5. Dr. M.P. Singh, Member
6. Dr. Alok Mittal, Member
7. Shri Manohar K. Joshi, Member
8. Shri A.A. Mishra, Secretary

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

- 1. Case No. – 1806/2014 Mr. Mohit Airen, M/s Balaji Phosphate Pvt. Ltd., 305, Utsav Avenue, 12/5 Ushaganj (Jaora Compound), Indore-452001 (MP) Environment Clearance for approval of expansion of SSP, GSSP fertilizer plant at Dewas Industrial Area Phase-I, A.B. Road, Dewas-455001 (M.P.) ToR issued on 04.12.14. For- EIA Presentation. .Env. Con. Kadam Enviro (Guj).**

The project pertains to production of SSP, GSSP fertilizer at Dewas Industrial Area, Dewas. The TOR to carry out EIA was issued to the PP to carry out EIA and prepare EMP vide letter dated 04/12/2014. EIA / EMP submitted by the PP were forwarded to SEAC by SEIAA for appraisal and necessary recommendations. The salient features and the EIA /EMP reports were presented by the PP and their consultants before the committee in this meeting. The presentation and the submissions made by the PP reveal following:

After deliberations Committee asked the PP to submit following information with supporting documents:

1. Compliance of the Consent conditions after due validation from the Regional Office MPPCB.
2. Budget for plantation to be revised in view of proposed 5000 m² green area development.

- 2. Case No. – 2813/2015 Shri Sagar Raj Gurjar C/o Jai Shri Balaji Mines & Minerals, Goverdhar Vilas, Valicha By Pass, Udaipur (Raj.)-313002 – For TOR Pichla Laterite Mine Lease Area- 14.20 ha, Capacity - 2,00,000 TPA) at Survey No. 6 1471, Village-Pichla, Tehsil-Shamgarh, District-Mandsaur (MP) ToR Env. Cons.- Udaipur Minetech Pvt. Ltd. Udaipur (Raj)**

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. However a request from PP was received to consider the case in the meeting scheduled for 23/07/2015. Committee decided to hear case in the subsequent meetings subject to availability of time.

- 3. Case No. – 3026/2015 Shri Sachin Agrawal, Partner, 48, Ramanand Nagar, Lalghati, Bhopal (M.P.)-462038** -proposed residential project "Alark Residency" at Khasra No.- 418, 420, 421, 423, 427 Vill.-Badwai, Teh.-Huzur, District-Bhopal (M.P.) Total Land Area- - 4.530 Acre, Total Built up Area- 25221.516 Sq.mt. **For- Building Construction.**

This is a building construction project comprising developement of a Residential Complex on a plot area of 4.503 Acre with total built-up area of 25221.6 m2. The project is proposed at Khasra No.- 418, 420, 421, 423, 427 Vill.-Badwai, Teh.-Huzur, District-Bhopal (M.P.). It was reported that the project site 6.8 Km from the Van Vihar National Park (a Notified PA) Clearance from NBWL is therefore needed. A copy of the application made to the competent authority has to be submitted by the PP to SEAC for considering the case. It was decided to defer the case till receipt of the same.

- 4. Case No. – 3030/2015 Mr. Salim M. Rangwala Mr. Zubair I. Rangwala Akik Dye Chem (Unit-2), B/h. J.K. Barrel, Nr. Chandola Police Chowki, Danilimda, Ahmedabad (GuJ.)-380028** Global Impex "Manufacturing of Vat Dyes" at Plot No. ó 39-A, AKVN Industrial Growth Centre, Meghnagar Vill. & Teh.-Meghnagar, District-Jhabua (M.P.) Capacity- 4 MT/Month, Plot Area- 1500 Sq.m. **For- ToR**

The project pertains to manufacturing of Vat Dyes at plot no. 39-A of the AKVN developed Industrial Growth Centre, Meghnagar, Distt. Jhabua (M.P). It was reported that the Industrial area is a notified Industrial area of Industries Department. The project by virtue of the activity and the location falls under category 5(f), B. PP and their consultant presented the case before the committee in this meeting.

Afetr deliberations following TORs were issued by the committee in addition to the standard TORs prescribed by the MoEF & CC:

1. Latest MSDS of all the raw material and products to be furnished.
2. Water and material balance for each of the 08 products to be presented.
3. Worst case scenario w.r.t. the most intensive water, air & soil polluting products when produced in all the lines.
4. Mode of storage including the safety measures proposed for all the raw material, finished product and wastes.
5. Water harvesting shall be prohibited in the premises however, other options planned for water conservation to be highlighted.
6. Optimization of COC in the cooling towers to be presented.
7. Details of incinerator in accordance with the CPCB guidelines in this regard to be furnished.
8. Primary water source for the project.
9. Detailed plan to prevent percolation of water into ground water from any point of the premises.
10. Available baseline data as reported to be collected during 2014 may be used in the EIA / EMP reports.

- 5. Case No. - 3060/2015 Shri Anil Khanna, Authorized Signatory, M/s Fortune Builders, Fortune House, 157, Zone-1, M.P. Nagar, Bhopal (M.P.)-**

462011 Prior Environment Clearance for approval of proposed Group Housing Project "Fortune Executive" at Khasra No.-147/4/3, 147/3/1/3(Ka), 147/4/1(ka), 147/4/1/(kha) Village-Bawadia Kalan, Tehsil-Huzur, District-Bhopal (M.P.) Total Project Area- 9620 m²(0.962 Ha. Or 2.38 Acre) Total Built up 22089.8 m²
For- Building Construction Env. Consultant-Das, Lucknow

The project pertains to Building Construction comprising development of a Residential Complex in a plot area of 0.962 Ha with total built-up area of 22089.8 m². The project by virtue of the proposed activity falls under category 8(a), B-2. Hence it requires prior EC from MPSEIAA before commencement of activity at site. The scrutiny of the project revealed that the project location is within 10 Km from the Vanvihar National Park (a Notified PA), it was also observed that the project is proposed in the proximity of River Kaliyasot. Hence PP was asked to submit following before appraisal:

1. Wild life clearance has to be obtained from the standing committee of NBWL; a copy of application made to competent authority in this regard has to be submitted.
2. NOC / Permission from the local authority in compliance to the interim orders of Honø able NGT pertaining to maintaining the requisite distance from the river.
3. The land is owned by several owners hence a copy of Joint-Venture to be furnished.

The case shall be considered for appraisal after receipt of the above information along with the supporting documents.

6. Case No. - 3061/2015 Shri Anil Khanna, Authorized Signatory, M/s Fortune Builders, Fortune House, 157, Zone-1, M.P. Nagar, Bhopal (M.P.) - 462011 Prior Environment Clearance for approval of proposed Residential Project "Blue Ridge" at Khasra No.- Village-Bagla & Barrai, Tehsil-Huzur, District - Bhopal (M.P.) - **Building Construction Project Env. Consultant Das, Lucknow**

The project pertains to Building Construction comprising development of a Residential Complex in a plot area of 0.962 Ha with total built-up area of 22089.8 m². The project by virtue of the proposed activity falls under category 8(a), B-2. Hence it requires prior EC from MPSEIAA before commencement of activity at site. The scrutiny of the project revealed that the project location is within 10 Km from the Vanvihar National Park (a Notified PA), it was also observed that the project is proposed in the proximity of River Kaliyasot. Hence PP was asked to submit following before appraisal:

1. The land is owned by several owners hence a copy of Joint-Venture between all the owners to be furnished.
2. There were several discrepancies in the project details furnished in form-1 and that furnished in the presentation; the same has to be clarified.

The case shall be considered for appraisal after receipt of the above information along with the supporting documents.

- 7. Case No. - 1233/2013** Sudhir Industries through Authorized Signatory Shri Manmeet Singh, Unity Pulp & Papers, Plot No.-14, Industrial Estate, Kheda, Itarsi, M.P.-461111 Prior Environment Clearance for Polyamide Resin in an area-1337.80 sqmt., Production Capacity-125MT/Month, at Plot no.- 9, Industrial Area, Village-Kheda, Itarsi, Dist-Hoshangabad, (MP) **For – EIA Presentation.**

It was reported by the members that they have not received the copy of project details in advance hence the case could not be appraised in the meeting. It was decided to defer the case for consideration in forthcoming meetings of SEAC.

- 8. Case No. – 3118/2015** Shri Mr. Bhupendrasinh Rathod, Partner, M/s Rathod Pharma Chem, Plot No. 184-D, Industrial Area, AKVN, Meghnagar, Jhabua (M.P.)-457779 Prior Environment Clearance for approval of proposed expansion of M/s Rathod Pharma Chem at Plot No.- 184 ó D, Village & Tehsil-Meghnagar, District-Jhabua (M.P.) Capacity- 20 MT/Month to 4000 MT/Month. **FoR- ToR Env.**

The project pertains to manufacturing of Chemicals at plot no. 184-D of the AKVN developed Industrial Growth Centre, Meghnagar, Distt. Jhabua (M.P.). It was reported that the Industrial area is a notified Industrial area of Industries Department. The project by virtue of the activity and the location falls under category 5(f), B. Scrutiny of the documents revealed that the product proposed to be manufactured in the unit have not been included in the Registration of AKVN, hence PP was asked to furnish the same within a month's time. The case shall be considered after receipt of the same.

- 9. Case No. – 3123/2015** Shri Mitesh Tank, Partner, M/s Sumer Marble, 177, Radhika Vihar, Quetta Colony, Nagpur (MS)-440008 Prior Environment Clearance for approval of Marble Mine Lease Area - 7.620 Capacity - 50,000 cum/year, at Village-Tilehri, Tehsil-Bahoriband, District-Katni (M.P.) **FoR-ToR**

It was reported by the members that they have not received the copy of project details in advance hence the case could not be appraised in the meeting. It was decided to defer the case for consideration in forthcoming meetings of SEAC.

- 10. Case No. – 1708/2013** M/s Madhya Bharat Agro Products Limited (Unit-III) Through Manager Shri Manohar Raghuwanshi, 127, Rachna Nagar, Bhopal (M.P.) – 452001- Manufacturing unit for SSP, GSSP, TSP, BRP, Sulphuric Acid (& its derivatives), Phosphoric Acid and Associated Inorganic Salt at Saurai Industrial Area, Dist. Sagar, Madhya Pradesh. ToR(148) issued Letter No. 140 dt. 22.09.14 **For- EIA Presentation. .Env. Con. – Asian Consulting Engineers Pvt. Ltd. New Delhi.**

This is fertilizer industry. The case has been submitted to SEIAA for grant of prior EC. The process is covered under the provision of EIA notification and covered as item 5 (a). TOR was issued to the PP to carry out EIA / EMP vide letter 140/PS-MS/MPPCB/SEAC/TOR (148)/2013 dated 22nd September 2014.

The EIA submitted by the PP was forwarded to SEAC by SEIAA for appraisal and necessary recommendations. PP and his consultant presented the case before the committee. The submissions and the presentations reveals following:

Proposed Capacity –

| S. No. | Product Name | Capacity |
|--------|---------------------------------------|--------------|
| 1 | Beneficiation of Rock Phosphate (BRP) | 99000 TPA |
| 2 | Single Super Phosphate (SSP) | 1,80,000 TPA |
| 3 | Granular SSP | 1,80,000 TPA |
| 4 | Sodium Silica Floride | 1320 TPA |
| 5 | Triple Super Phosphate | 66,000 TPA |
| 6 | Phosphoric Acid | 19,800 TPA |
| 7 | Synthetic Gypsum | 1,65,000 TPA |

Introduction

The M/s Madhya Bharat Agro Products Pvt. Ltd. (Unit ó III) is proposed to setup a fertilizer plant in Saurai Industrial Area, Tehsil Banda , Dist. Sagar (M.P.). The company a part of Madhya Bharat Agro Products Pvt. Ltd. Group having one more fertilizer plant, under operation from last ten years in Makroniya, Sagar and one BRP plant adjoining to the proposed site. The land of 2,33,700 sqm has been allotted by DIC for industrial use only.

Size of project:

The total project cost is estimated to Rs. 78.0 Crores.

Technology for BRP

ROM ore from either Hirapur or Chhatarpur mines will be transported by trucks/dumpers and delivered at proposed plant site.

- Ore will be stacked grade-wise stock piles after sampling and analysis.
- Ore will be blended by JCB to ensure constant grade/ quality before processing.
- Tramp iron magnet will be used to remove any ferrous material to avoid damage to crushers.
- Ore will be crushed in two stages viz. jaw crusher and hammer mill from 200 mm to (-) 6 mm.
- Crushed ore will be transported by belt conveyors from vibrating screen to next equipment.
- Dust extraction system is proposed is installed to remove dust at each material-transfer points to ensure acceptable work-place environment.
- Also dust Suppression system is proposed at ROM ore unloading point and blending area.
- Processed and crushed (<6mm size) will be ÆFine Ore Bin (FOB)ø for wet grinding in a ball mill.
- Ore will be ground in a grate ÆDischarge ball/rod Millø operating in closed circuit with hydro cyclones to separate 80% -200 mesh particles.
- Hydro cyclone over flow will be fed to ÆWHIMS -I & IIø for the removal of iron bearing minerals.
- De-ferruginous slurry will be taken to ÆSlime thickenerø Slimes will be removed and slurry with 35-40% solids-consistency will be taken to a Æprimary conditionerø

Flotation:

- Flotation circuit comprises of Ærougher and scavenger cellsø
- 3-stage cleaning has been proposed to upgrade the concentrate to 31% P2O5.

- Tailings from the cleaner bank will be re-circulated
- Beneficiated RP will be finally pumped to a thickener for removal of water.
- Concentrate with solids concentration above 50% w/w will be pumped to overhead slurry tanks for the gravity feeding to horizontal belt press filter.
- Cake on the belt will have moisture up to 20 per cent.
- BRP ponds have been included in the design to take care of large volume of concentrate slurry from thickeners.

Drying

- Cake from belt will have to be dried since demand is for cake with less than five per cent moisture. Techno-economic feasibility does not favour heat drying or rotary dryers.

Tailings and Tailing Dam

- Tailings will be @ 40-45 % total through put.
- Substantial quantity of water is trapped in tailings. This water is proposed to be reclaimed and re-used.
- Tailings will be pumped to a tailing thickener. Thickener diameter will be 12 m and side water depth will be 3m. Tailings will be thickened to about 40-45% solids w/w

SSP/GSSP and other products Manufacturing

The BRP is used as raw material for production of the other products, for making fertilizer products standard methods shall be used as reported

Present Environmental Scenario

The monitoring were conducted at five locations, the Ambient air quality are observed as follows:

| Particulars | Range in g/m ³ |
|-------------------|---------------------------|
| PM ₁₀ | 38.5 to 53.5 |
| PM _{2.5} | 18.5 to 20.2 |
| SO ₂ | 7.2 to 8.6 |
| NO _x | 9.8 to 20.9 |

Air Environment

| S. No. | Expected impact | Impact Zones | Management Plan |
|--------|--|------------------------|--|
| 1 | Increase in the dust generation possibility is minimum as raw materials handled are liquids and product will be bagged in the existing bagging plant (Direct, Local, sustainable) Dust generation due to open transportation of raw materials like rock phosphate | within 500 m | <ul style="list-style-type: none"> • Cyclonic Separators and Venturi scrubbers to control dust and emissions of fluorine. • Personal protective equipments (PPEs) for labours. • Regular monitoring of emissions. • Green belt development. Raw material transportation in tarpaulin covered trucks. |
| 2 | Fluorine Emission | In Plant & Nearby area | Venturi Scrubber & four stage cyclone scrubber with efficiency of 99.95%. |

Water Environment :

| S. No. | Expected impact | Impact Zones | Management Plan |
|--------|---|------------------|---|
| 1 | Water pollution from sewage and Industrial effluent | Within the plant | ETP for industrial effluent and domestic sewage shall be taken to septic tank attached with soak pit. Industrial effluent generated |

| | | | |
|--|--|--|---------------------------------|
| | | | will be re-used in the process. |
|--|--|--|---------------------------------|

Impact During Construction Phase

About 20 kld water shall be consumed during the construction phase from which about 1.5 kld of waste water will be generated. If the waste water is discharged without prior treatment, it might leads to contamination of ground water.

Impact during Operation phase

Total water requirement for the project during its full fledged operation phase is estimated to be 1306 kld out of which 624 kld water will be reused and fresh water requirement will be 682 kld. 30 kld industrial waste water will be generated which will treated in ETP and used for plantation purpose. Hence, no industrial effluent will be discharged, 30 kld wastewater is estimated to be generated during operation phase, which discharge without prior treatment, it might leads to contamination of ground water.

Land environment

| Expected impact | Impact zone | management plan |
|--|---|---|
| During Construction phase Extent of vegetation removal shall be minimized to prevent extent of soil erosion. Vegetative cover shall be re-projected /rehabilitated at the earliest practicable time to minimize duration & extent of soil erosion. | the project site is barran land allotted by DIC Sagar for industrial use and will not change due to project | Extent of vegetation removal shall be minimized to prevent extent of soil erosion. Vegetative cover shall be re-projected /rehabilitated at the earliest practicable time to minimize duration & extent of soil erosion. |

Mode of Transportation

The mode of transportation of raw material and finished product will be roads. The source of raw material are indigenously available within 200 km. the transportation route will NH -86 (Sagar ó Banda Road) .

Greenbelt development:

An extent of about 80,000 sqm of total land area in the plant premises is proposed for greenbelt Development. The species selected for greenbelt development shall fulfill the following specific requirements of the area:

- Tolerate to specific conditions.
- Shall have rapid growth rate.
- They shall rich canopy and shielding property.
- Large bio-mass and leaves to provide fodder and fuel.
- As for as possible shall be native in nature.

Source of Water

The source of water will be bore wells for which application for abstraction of GW has been filed at CGWB, as reported.

Water consumption

Water consumption for the project is as follows:

Construction Phase ó 20 kld

Operational phase ó 682 kld

Domestic phase ó 10 kld

Source ó Bore wells

CSR Activity

| S. No. | CSR Field | Fund allocated (Annually) |
|--------|--|---------------------------|
| 1 | School Education | 2,00,000/- |
| 2 | Infrastructure & Village development as required | 4,00,000/- |
| 3 | Medical Facilities | 2,00,000/- |
| 4 | Religious purpose | 1,00,000/- |
| | Total | 9,00,000/- |

Public Hearing: The Public Hearing has been conducted on 04/03/2015 as per provision of EIA Notification, at the project site under the Chairmanship of ADM Sagar, and no adverse comments are observed in the proceedings.

The submissions and the presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. All tailing collection ponds shall have HDPE lining with appropriate peizometerc holes & leachate collection arrangements. All the components of this system should be well within approach for smooth monitoring.
2. Alkali scrubbing shall be carried out for scrubbing the fluorine.
3. Continuous Emission Monitoring System shall be installed with inter-locking system such that in case of any failure when emissions are beyond the threshold limits the complete operation of the plant trips down automatically.
4. -Zero liquid dischargeøcondition shall be maintained.
5. Explore the possibility to reduce the curing period through temperature & moisture control.
6. Boilers shall be fitted with bag-filters and other effective APC system in view of the proposed fuel (bio-fuel).

11. Case No. – 2736/2015 Smt. Santosh Suchdeva W/o Shri Brijmohan Suchdeva, Court Road, Shivpuri (MP) –Badera Granite Quarry Lease Area - 2.00 ha., Capacity -25,448 cum/year, at Khasra No. ó 2565, Village-Badera, Tehsil-Pichore, District-Shivpuri (M.P.) For- ToR

The project pertains to mining of Granite in a lease area of 2.0 Ha with production capacity of 25448 M3/year. The project by virtue of proposed activity is mentioned as item 1(a) in the schedule of EIA notification. Hence requires pior EC fom the M.P. SEIAA.

It was observed that, 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. A request has to be made by the PP for scheduling the case in coming meetings within a monthø's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

12. Case No. 2000/14. Shri Devraj S. Kavad, Proprietor, M/s Shiv Dyes & Intermediates, 22-23, Panchvati Park Society, Nava Naroda, Gopal Chowk, Near Raghuvveer Vidya Mandir, Ahmedabad-382346 Prior Environment Clearance for approval of proposed Manufacturing unit of Dyes & Intermediates at Vill.-Meghnagar, District-Jhabua (M.P.) 164th SEAC Meeting dt. 07/01/15.

The project pertains to manufacturing of Dyes & Dye-intermediate, on a plot of the AKVN developed Industrial Growth Centre, Meghnagar, Distt. Jabua (M.P). It was reported that the Industrial area is a notified Industrial area of Industries Department. The project by virtue of the activity and the location falls under category 5(f), B. PP and their consultant presented the case before the committee in this meeting.

After deliberations following TORs were issued by the committee in addition to the standard TORs prescribed by the MoEF & CC:

1. Latest MSDS of all the raw material and products to be furnished.
2. Water and material balance for each of the proposed products.
3. Details of the Solvent recovery system for all the solvents proposed / existing in the process.
4. Worst case scenario w.r.t. the most intensive water, air & soil polluting products when produced in all the lines.
5. Mode of storage including the safety measures proposed for all the raw material, finished product and wastes.
6. Water harvesting shall be prohibited in the premises however, other options planned for water conservation to be highlighted.
7. Optimization of COC in the cooling towers to be presented.
8. Details of incinerator in accordance to the CPCB guidelines in this regard to be furnished.
9. Primary water source for the project.
10. Detailed plan to prevent percolation of water into ground water from any point of the premises. To be presented.
11. Details of the Solid Waste Management including the sludge from ETP, STP & sources such as DG-set etc.
12. Measures planned for control of Odour nuisance.
13. Available baseline data as reported to be collected during the year 2014 may be used in the EIA / EMP reports.

13. Case No. 3227/15 Mr. Praveen Shrivastava, Business Head, M/s D.B. Infrastructures Pvt. Ltd., 117, First Floor, Shagun Arcade, Vijay Nagar, Indore (MP)-452010 Prior Environment Clearance for approval of proposed "DB Pride" Residential Township Project Total Plot Area-75060.00 sq.m., Build up Area-71897.20 sq.m. at Khasra No.-36/1/3, 36/1/1, 37/2/1, 39/3, 22/3/2/1, 38/2/1, 43, 22/3/1/1, 22/3/1/2, 38/1/1, Vill-Talawali Chanda, Teh-Indore, District-Indore (MP)

The project pertains to expansion of a residential complex and is covered under the purview of EIA Notification as item no. 8(a). The total plot area is reported to be 75060.00 m² and built-up area of 71897.20 m² at Khasra No. - 36/1/1, 36/181, 36/1/1, 39/3, 22/3/1/1, 22/3/1/2, 38/1/1, Vill-Talawali Chanda, Teh-Indore, District-Indore (MP). The application was forwarded to SEAC by SEIAA for appraisal and necessary recommendations. The case was presented by the PP and their consultant before the committee. It was reported that,

- PP started the work at site after obtaining necessary permissions from the concerned authorities for built-up area of 17105 m².

- After getting approval for the complete project i.e. total built-up area of 71897.20 m², the construction activity was stopped and application for EC has been submitted by the PP.
- The present status of construction as reported by the PP is only about 2000-2500 m² based on the earlier permissions from TNCP and MPPCB.

After deliberations committee sought following information with supporting documents from the PP:

1. Copies of all the permissions obtained from TNCP (with approved lay-out of 17105 m²) and MPPCB with built-up area details of earlier planning clarifying the reasons for part permissions and construction.
2. Two STPs are proposed in the project; details of the same with concept of treatment and capacities etc.
3. Plantation scheme with depiction on lay out.

Meeting ended with thanks to the Chair and the Members.

[Dr. R.B. Lal, Chairman]

[K.P. Nyati, Member]

[Manohar K. Joshi, Member]

[Dr. Alok Mittal, Member]

[Dr. M.P. Singh, Member]

[Dr. U.R. Singh, Member]

[Dr. Mohini Saxena, Member]

[A.P. Srivastava, Member]

[A.A. Mishra, Secretary]

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/Murrum 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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. 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.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. 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.

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. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
8. 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.
9. Mining should be avoided during Monsoon.
10. No in-stream mining shall be allowed.
11. 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.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. 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.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the Gram Panchayat.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.