

The 352nd meeting of the State Expert Appraisal Committee (SEAC) was held on 18th March, 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. A. K. Sharma, Member.
3. Shri Prashant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.

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

- 1. Case No. - 5943/2019 Engineer-in-Chief, Water Resources Department, Tulsi Nagar, Bhopal, MP – 462003 Prior Environment Clearance for Kaith Medium Irrigation Project Catchment area- 78.50 sq.m., Gross Storage Capacity- 22.117 MCM, Cultivable Command Area- 5135 ha, Gross Storage Capacity- 6945 ha at Khasra no 210, 211, 218, 219, 220, 238, 239, 661, 691, 692, 693, & 696, Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, MP.Environment Consultant-ENV DAS (India) Pvt. Ltd.**

This is case of Prior Environment Clearance for Kaith Medium Irrigation Project Catchment area- 78.50 sq.m., Gross Storage Capacity- 22.117 MCM, Cultivable Command Area- 5135 ha, Gross Storage Capacity- 6945 ha at Khasra no 210, 211, 218, 219, 220, 238, 239, 661, 691, 692, 693, & 696, Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, MP. The project requires prior EC before commencement of any activity at site.

- The project has 5960 ha of GCA with CCA of 5135 ha; this will lead to increase in irrigation intensity as well as cropping pattern. As a result, barren land will be converted into productive agricultural land.
- The field irrigation channels are meant to convey water to individual land holdings. For every land holding one farm gate is proposed. The design and construction of field irrigation channels shall be such as to facilitate rotational water supply.
- Field irrigation channels have been proposed upto 20ha to 2.5 ha, to distribute water for irrigation. For micro level irrigation, chak planning has been carried out for 2.5 ha to 0.6ha. After 0.6 ha chak, farmer will irrigate by sprinkler system individually. The total 21 number villages will be benefited under the proposed project.

❖ **Salient feature of the Project:** Salient features of Kaith medium Irrigation Project detailed in the table below:

I. LEADING DETAILS		
I	GENERAL DATA	
1.	Name of Project	Kaith Medium Irrigation Project
2.	Category	B, Sub-Category B₂
3.	State	(M.P.)
4.	Tehsil & District	Sagar
5.	River/ Basin	Kaith/ Dhasan ken basin
6.	Toposheet No.	55I/14 and 55M/2
II. HYDROLOGICAL DATA		
7.	Catchment area of dam	78.50 Sq.km
8.	Maximum Rainfall (annual) (mm)	2329.00
9.	Minimum rainfall (mm)	683.50
10.	Average rainfall (mm)	1181.58
11.	Dependable Rainfall based on 75% dependability (Annual)	900.60 mm
12.	75% Dependable monsoon yield	22.117 MCM
III RESERVOIR DATA		
13.	Lowest Nalla bed Level	RL. 462.46 m
14.	L.S.L.	RL. 471.50 m
15.	F.R.L.	RL. 484.60
16.	M.W.L.	RL. 486.10
17.	T.B.L.	RL. 488.10
18.	Rock level	460.46M.
19.	Type of the gate	Radial gate
20.	No. of gate	3 (1 standby)
21.	Size of gate	Width: 10.0 m Height: 6.0 m
22.	Type of spillway	Ogee type
23.	Spill way length	38.25 m
24.	Length of water way	30.00 m
25.	Length of NOF	30.00 m
26.	No. of piers	2 Nos.
27.	Thickness of piers	2.75 m
28.	Length of over flow	41.00 m
29.	Length of left NOF	15.00 m
30.	Length of right NOF	15.00 m
31.	Total length of concrete Dam	71.00 m
32.	Dead Storage	1.00 MCM
33.	Live Storage	21.117 MCM
34.	Gross Storage	22.117 MCM

35.	Percentage of dead storage to gross storage	4.52%
36.	Percentage of Live Storage to yield Based on 75 % Dependable Rainfall.	95.48%
37.	Percentage of Gross Storage to yield based on 75% dependability	100%
38.	Tank Duty adopted	0.364 l/s/ha
39.	Water spread area at FTL	450.30 Ha
40.	Type of Dam	Gravity Dam (Central Spill way), Earthen Dam
41.	Total Length of dam	1. Narayanpura S.B. :- 660.00 m 2. Hanouta Khurd: - 600.00 m. 3. Hanouta Khurd S.B.:- 630.00 m 4. Naraynpura Jharo: - 240.00 m. Total :- 2130.00 m
42.	Maximum height of dam	1. Narayanpura S.B.:-14.21 m. 2. Hanouta Khurd: - 25.64 m. 3. Hanouta Khurd S.B.:- 7.16 m 4. Naraynpura Jharo: - 18.14 m.
43.	Top width of dam	6.00 m
44.	Type of W.W.	Central Spill way
45.	R.L. of Crest	RL. 478.60 m
46.	Length of Crest	41.00 m
47.	Maximum discharge considering (Adopted of W.W.)/Routed flood discharge.	1164 Cumecs/850.724 Cumecs
48.	Maximum Peak flood as per Dicken"s formula with Value of C=1400/ Routed flood discharge.	1164 Cumecs/850.724 Cumecs
49.	Name of Canal	L.B.C. & R.B.C (Pressure Irrigation)
50.	Length	36.80 km
51.	Crop to be Irrigated Wheat (HYV.) Wheat (ord.) Gram Total	450 ha 2585 ha 2100 ha 5135 ha
52.	Estimated cost Unit-I Head Work Unit - II Canal Work Total	Rs.10014.24 Lakh Rs.6232.78 Lakhs- Rs. 16247.02 Lakhs Say Rs. 16247.00 Lakhs.
53.	Cost per Ha. of Irrigation	Rs. 316398.00
VII DETAILS OF COMMAND AREA		
i	GCA	5960.00 ha
ii	CCA	5135.00 ha

iii	Designed Irrigation	5135.00 ha
iv	Number of Benefited village:-	21 Nos.

Further studies done;

1. Air and Noise quality modeling has been done using ISCST(Industrial Source Complex Short Term) & RCNM (Roadway Construction Noise Model) modeling tool respectively and found that the base line concentration with incremental concentration due to the project activities are within the prescribed limit.
2. Dam Break Analysis has been done using HEC-RAS model for piping failure and found that there is no danger of the submergence of the villages in the downstream due to breaching/flooding. A Disaster Management Plan (DMP) is formulated for better and safe management.
3. Detailed CAT (Catchment Area Treatment) Plan has been prepared and will be implemented before filling of reservoir.
4. Detailed Muck disposal Plan has been prepared.
5. Inventory of existing trees (331 no.) in the forest land has been prepared for which compensatory a forestation has been provided.
6. The SIA study of the affected and command area village has been done for identification social and economic impacts on people and communities facing project induced displacement.

Overall there is no major impact on the environment except during short duration of the construction. The project is needed for the draught prone area of the region to store water in rainy season which is otherwise drained to the river.

➤ **Forest Clearance: 79.91 ha. of Forest area is involved in this project for that** -Stage-I forest clearance was issued vide letter no. i.e. F. No.8-20/2018/FC dtd. 30.10.2018 by the ministry of Environment, Forest and climate Change, G.O.I, New Delhi.

Public Hearing: Public hearing was neither warranted nor carried out in the wake of MoEF&CC EIA Notification dated 14.8.2018, in so far as, all irrigation projects with CCA > 2000 ha and < 10000 ha shall be treated as 'B2' and shall be apprised on the basis of EMP. Therefore, the project (CCA 5135 ha) falls in category 'B2'. As per Para 7(III) Stage 3(i)(f)- Public consultation, EIA notification dated 14.9.2006, all category' B2' projects and activities are exempted from public hearing.

R&R Plan: The acquisition of the land shall be in consonance with “The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013”, (RFCTLARRA 2013). The compensation package to be given to those whose land is acquired shall be as per provision of the village wise land acquisition cost in respect of irrigated and un-irrigated land as per collector’s rate prevalent in 2017. There shall be 161 displaced families who because of acquisition of land and house have to be re-located and resettled from the affected area to the resettlement area which has been already identified in Laltoriya Village at Khasra No. 141.

The displaced PAF shall have to be resettled at a new resettlement colony, the new colony shall be provided with minimum facilities infrastructure amenities/ facilities as contained in Schedule 3 or the RFCTLARR Act, 2013.

PP further submitted that as per MoEF&CC EIA notification dated 14.08.2018, all irrigation projects with CCA > 2000 ha and < 10000 ha shall be treated as 'B2' and shall be apprised on the basis of EMP and being the B2 project they have not conducted the public hearing. PP further submitted that no forest land is involved in this project. After detail discussion, committee has asked the PP to submit the following information:

1. Revised Plantation details as suggested by the committee.
2. Revised Fishery Management plan as it should be categorized according to their size.
3. Revised Muck Management plan.
4. Quantification of top soil & its management plan.
5. Restoration Plan for Quarry site is to be submitted.
6. Blasting details with its mitigation measures.
7. Public health management plan.
8. Proposed facilities for labour camp during construction phase.
9. Energy conservation measures.
10. Year wise bifurcation of CAT plan.
11. Copy of stage –I FC clearance.
12. Copies of approvals obtained under section 11 & 19 obtained under LARRA 2013.
13. Compliance of ToR point no 13 i.e. approval from NCSDP.
14. R&R site layout and land allotment letter for R&R site.

PP vides letter dated 18/03/2019 has submitted some information reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Kaith Medium Irrigation Project Catchment area- 78.50 sq.m., Gross Storage Capacity- 22.117 MCM, Cultivable Command Area- 5135 ha, Gross Storage Capacity- 6945 ha at Khasra no 210, 211, 218, 219, 220, 238, 239, 661, 691, 692, 693, &

696, Village - Hanouta Khurd, Tehsil - Sagar, Dist. Sagar, Cat. 1(c) River Valley and Hydroelectric Projects with following conditions & subject to forest clearance:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/plant erection activity, 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/plant 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. 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.
11. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
12. 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.
13. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
14. 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.
15. 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.
16. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
17. 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.
18. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
19. It is proposed by PP that plantation in 10 hectare in several patches in non forest waste land will be done subject to availability of suitable land.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

20. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land, muck disposal site, Rehabilitaion areas, park at camp, reservoir rim and in the compensatory afforestation at Village Fulwari and Shahgarh .
21. 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.

22. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
23. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
24. 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.
25. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
26. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
27. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
28. 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.
29. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
30. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
31. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

32. A budgetary provision of Rs. 5510.04 Lakh is made for Environmental Management Plan out of which Rs. 5365.86 Lakh as capital cost and 144.18 Lakh as recurring cost, and Rs 10.00 lakh has made for Green Belt Development Plan in the EMP.
33. Bio- diversity and Wildlife Management Plan shall be implemented after the approval of competent authority; total budget of Rs. 40.00 Lakh is made for Wildlife management plan in the EMP.
34. No muck disposal shall be done outside of the project site. Rs. 05.00 Lakh is made for Muck Management Plan in EMP. And Rs, 84.44 Lakh is made for Catchment Area Treatment Plan in EMP. Rs 25.0 Lakh is made for Fisheries Management Plan in EMP.

35. 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.
36. 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.
37. All commitments pertaining to public hearing shall be mandatory on part of PP.
38. Land Use details are as follows:

Sr. No	Land use class	Area (ha)	Area Sq. km	Area %
1.	Crop Land	4343.66	43.44	55.8
2.	Forest	594.01	5.94	7.6
3.	Scrub Land	1546.58	15.47	19.8
4.	Waste Land	1209.27	12.09	15.5
5.	Built up	58.24	0.58	0.7
6.	Water Bodies	26.82	0.27	0.3

39. 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.
40. 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.
41. 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.
42. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
43. 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. - 5523/2017 Govt. Bundelkhand Medical College, Shivaji Ward, Tili Road, Sagar, (M.P.) Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 100 kg per hour rotary kiln based bio medical incineration project at village Habsili, Distt. - Sagar, (M.P.) Cat. 7(da) Project. EIA-Presentation, Env. Con. –Visiontek Consultancy Services, Pvt. Ltd.

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Earlier this case was Scheduled in 288th SEAC meeting dated-30/03/2017 wherein 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 of SEAC.

The case was scheduled in the 289th SEAC meeting dated 28/04/2017 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. Earlier PP was also absent in the 288th SEAC meeting dated 30/03/2017. Committee after deliberations decided to call the PP in subsequent meetings and if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Salient Features

Site Address	Khasara No. -166 Village- Habsili, Tehsil – Sagar, Distt.- Sagar(MP)
Proposed project	Bio Medical Waste Treatment Facility with the following : 1. Rotary Kiln – 01- 100 kg per hr 2. Autoclave - 02 - 0.25 m 3. Shredder - 01 - 50 kg per hour 4. Effluent Treatment Plant - 01 - 6 KLD
Existing project	CBWTF facility with autoclave, shredder , etc
Cost of Project	Rs 2.05 Crore

Net fresh Water Requirement	5 KLD
Power Requirement	80 HP which will be sourced through Madhya Pradesh Vidyut Vitaran Company Ltd .
Capital Cost for Environmental measures (proposed)	25 Lacs
Recurring cost for environmental management etc (Proposed)	Estimate will be given in EIA report, which will include O&M cost of CSEME, EQMS, post environmental monitoring cost, plantation cost etc.
Existing area of plantation	Nil
Alternative Source of Power	DG set of 25 KVA
Land acquired	6070 sq mt (1.5 Acres)
Proposed area for plantation	Total 33% area i.e. 2000 sq mt shall be dedicated for the green belt. Green belt will be developed according to CPCB/PCB guidelines

Environment Siting of the project

Particulars	Details
Co-ordinate	23°50'39.63" N - 78°40' 22.61" E 23°50'38.07" N - 78°40' 23.59" E 23°50'41.25" N - 78°40' 25.88" E 23°50'39.84" N - 78°40' 26.78" E
Height above mean sea level	516 mRL
Nearest Town	Sagar - 6.30 km
Nearest Railway Station/Town	Ratona - 1.0 km
Nearest Airport	Bhopal - 146 km
Nearest Highway/Road	Khurai-Sagar SH-14 -1.15 km - N
Ecological Sensitive Zone	None in 10 km radius
Reserve Forest	Barkhera R.F. - 3.50 km -N Pagara R.F. - 3.80 km - NE Lalakpatan R.F. - 5.60 km -NW
Nearest Village	Habsili - 0.65 km - NW
Nearest River/ Nalla	Karawan Nadi-1.50 km - W Molali Nala-2.75 km -N Local Village pond- 1.75 km -NE
Surrounding Features	East- Open Mixed Jungle West- Open Mixed Jungle North-Open Land South- Open Mixed Jungle

Land Use Breakup of the Plant

Land use Break-Up for proposed unit	
Particulars	Total Area (Sq. mt.)
Plant and Machineries	348
Office and administration	100
Waste storage area	67
Fuel storage area	66
Road	100
Green belt area	2000
	2681 Sq.mt.
Open Land	3389
Total Land	6070 Sq.mt.

The case was presented by the PP and their consultant in 290th SEAC meeting dated 22/05/2017, wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. DFO certificate regarding distances from National Parks/ Sanctuaries and Forest area in the format prescribed by MP, SEIAA should be submitted with the EIA report.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. Facility should be complying all the norms prescribed in the Bio-Medical Waste Management Rules, 2016 and Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities published by CPCB for management and disposal of Bio medical waste.
- f. Wastes such as animal Carcass should not be handled and disposed at this site.
- g. Storm Water Management Plan should be discussed in the EIA report.

PP has submitted EIA/EMP vide letter no. 10205 dated 13/02/2019 which was forwarded through SEIAA vide letter no. 2339 dated 21/02/2019

The case was scheduled for presentation in 346th SEAC meeting dated 26/02/2019, wherein neither the Project Proponent 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.

The case was scheduled for the presentation but PP vide their letter dated 17/03/2019 requested for postponement of presentation and requested for rescheduling in next meeting. Committee accepted the request and rescheduled the presentation for tomorrow meeting if time permits.

3. Case No. - 5835/2019 M/s Rusan Pharma Ltd, Rusan House, 58-D, Government Industrial Estate, Charkop, Kandivali, Mumbai – 400067 Prior Environment Clearance for Proposed API Drug Manufacturing Plant at Plot No. M-21, Pithampur Industrial Area, Special Economic Zone, Phase-II, Pithampur, Dhar (MP). Capacity – 61,865 Kg/Year. Total Plot area- 24290.00 sqm Cat. - 5(f) Project Synthetic Organic Chemicals Industry (Bulk Drug). Env. Con. – SMS Enviro Care Ltd. Indore (M.P.).

This is a case Prior Environment Clearance for Proposed API Drug Manufacturing Plant by Rusan Pharma Ltd. at Plot No. M-21, Pithampur Industrial Area, Special Economic Zone, Phase-II, Pithampur, Dhar (M.P.) Capacity – 61,865 Kg/Year. Total Plot area- 24290.00 sqm. 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 in 343rd SEAC meeting dated 19/02/2019, but vide request letter dated 13/02/2018 consultant informed that due to pre occupied QCI – NABET assessment, they wouldn't able to present the case before SEAC and requested to schedule this case in next upcoming SEAC meeting. Committee decided to call the PP in subsequent meetings.

Salient Features of this project:

Sr. No.	Particulars	Details
1.	Name of the project & its location:	Proposed API Drugs Manufacturing Plant by M/s. Rusan Pharma Ltd. At plot No. M-21, Special Economic Zone, Phase-II, Pithampur Industrial Area, Pithampur - 454775, Dist. Dhar, Madhya Pradesh.
2.	Name of the Company, Address Tele No. & E-mail :	M/s. Rusan Pharma Ltd. Rusan House, 58-D, Government Industrial Estate, Charkop, Kandilvli (West), Mumbai-400067, Maharashtra. 02242383000, 9907744001, 9987358709 jekee.sahare@nsrtc.com/hajela@rusanpharma.com

3.	Latitude and Longitude of the project.	Latitude: 22°37'36.6"N Longitude: 75°37'41.3" E Elevation: 567m AMSL
4.	If a Joint venture, the names & addresses of the JV partners including their share.	Not Applicable
5.	Project brief: nature of proposal (new/expansion) total area- land use, project components, connectivity to the site etc.	New Project. Plot Area: 24290.0sq.m Land Use:Industrial Use Connectivity: <ul style="list-style-type: none"> • Nearest Railway Station: Indore27.0 km in NE direction. • Nearest Airport: Devi Ahilya Bai Holkar Airport Indore, 20.0 km inNE.
6.	Cost of the project.	50.0 Crores
7.	Whether the project is in Critically Polluted area.	No
8.	If the project is for EC under EIA Notification, 2006	Category: 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) Category: B Project as located within Notified Industrial Area
9.	a) For the first time appraisal by EAC i) Date of ToR: ii) Date of Public Hearing, location iii)Major issues raised during PH and response of PP. b) Second appraisal (i) Date of first /earlier appraisal (ii) Details of the information sought by the EAC with the response of the PP. If the project involves	a) For the first time appraisal by SEAC i) TOR presentation:18 th March, 2019 ii) Not Applicable iii) Not Applicable b) Not applicable i) Not Applicable ii) Not Applicable No forest land diversion involved.

	diversion of forest land (i) extend of the forest land (ii) status of forest clearance.	
10	If the project falls within 10 km of eco- sensitive area i) Name of eco- sensitive area and distance from the project site, ii) Status of clearance from National Board for wild life.	Not Applicable. No any area is present which are important or sensitive for ecological reasons Wetlands, water courses or other water bodies, coastal zone, biospheres, mountains, forests. Betma Reserve Forest, 3.0 Km, NE Direction for which Application has been submitted to concerned forest department for declaration on distance from forest area to proposed project site.
11	Waste Management i) Water requirement, source, status of clearance ii) Waste water quantity, treatment capacity, detail iii) Recycling / reuse of treated water and disposal iv) Solid Waste Management v) Hazardous Waste Management.	i) Water Requirement: 86.0CMD Source: MPAKVN, NOC obtained. ii) Waste water generated from the industries mainly from DM water plant, process waste, blow down water from cooling tower and boiler, washing and domestic water i.e.27.0 CMD.ETP of 20 CMD capacities has been provided. MEE, ATFD& Stripper Column have provided to ensure Zero Liquid Discharge. iii) Treated water from the effluent treatment plant around 16.0 CMD will be used for green belt. No any kind of waste water will be discharged outside premises or not into the drain/Nalla or streams. iv) Solid & Hazardous waste generated during the manufacturing process and Effluent treatment process is mainly sludge and will be disposed to CHWTSDF, at authorized facility, as per Hazardous and Other Waste (Management & Trans-boundary Movement) Rules, 2016 v) Same as sr. no. iv.
12	Other details i) Noise Modeling with noise control measures for	i) Not Applicable

	<p>airports.</p> <p>ii) Details of water bodies, impact on drainage if any.</p> <p>iii) Details of tree cutting</p> <p>iv) Energy conservation measures with estimated saving.</p> <p>v) Green belt development (20 % of construction projects and 33 % for others)</p> <p>vi) Parking requirement with provision made</p>	<p>ii) Water body: AngrerNadi (1.0 Km in S) Sanjay Jalashay Dam (6.0 km in SE)</p> <p>iii) The proposed site is without any vegetation & trees; hence trees cutting will not require.</p> <p>iv) Reduction in energy consumption can be achieved by using LED lights wherever required.</p> <p>v) About 8016.m² (33%) area will be reserved for green development.</p> <p>vi) Provided as per application rule of MPAKVN</p>
13	<p>If the project involves foreshore facilities</p> <p>i) Shoreline study</p> <p>ii) Dredging details, disposal of dredge material</p> <p>iii) Reclamation</p> <p>iv) Cargo handling with dust control measures</p> <p>v) Oil Spill Contingent Management Plan</p>	Not Applicable
14	<p>If the project involves Marine disposal</p> <p>i) NOC from PCB in case of marine disposal</p> <p>ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9</p> <p>iii) Location of intake / outfall. Quantity,</p> <p>iv) Detail of monitoring at outfall</p> <p>v) Any other relevant information:</p>	Not Applicable

15	Other information (i) Investment/Cost of the project is Rs... (in crore). (ii) EmploymentPotential..... (iii) Benefits of the project.....	i) 50.00 Crore ii) This project will generate 100 Nos. of skilled and non-skilled employment iii) The proposed project will be provided job opportunity at maximum extent to the surrounding population. The project shall affect the socio-economy, physical infrastructure and biological environment.
16	Date of Ground water clearance:	Not Applicable.
17	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Details of EMP and CER will be provided in Final EIA Report.
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	The green belt will be developed for the proposed project in an area of 8016.0 sq. m (33 %) of the total plot area.
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	Not Applicable.

The case was presented by the PP and their consultant. During presentation it was observed as per Google image based on the co-ordinates provided by the PP that a water body/ water channel seems to be in existence in the allotted area with some trees for which PP summated that this in rainy water accumulated in the low lying area (which was created due to excavation of soil for road construction by unknown operator before the allotment of this plot to them) as the Google image is of September, 2018 and existing trees are shrubs grown up naturally in the rainy season. Committee discussed that there are two issues i.e. existence of water body and trees in the allotted area and after deliberations decided to carryout site inspection by a subcommittee of SEAC for confirmation of above and decision for grant of TOR will be taken after the recommendation of sub-committee site inspection report.

4. **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 it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for presentation in 342nd SEAC meeting dated 18/02/2019, 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 giving last chance and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Today, this case was scheduled for presentation and discussion wherein it was recorded that PP vide letter dated 17/03/2019 has requested to scheduled this case in next upcoming SEAC meeting as due to some unavoidable circumstances PP is unable to attend this meeting. Committee accepted the request made by PP and decided to call PP in next SEAC meetings as last chance.

5. **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.

Earlier this case was scheduled for presentation in 342nd SEAC meeting dated 18/02/2019, 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 after hearing from PP.

Today, this case was scheduled for presentation and discussion wherein it was recorded that PP vide letter dated 17/03/2019 has requested to scheduled this case in next upcoming SEAC meeting as due to some unavoidable circumstances PP is unable to attend this meeting. Committee accepted the request made by PP and decided to call PP in next SEAC meetings as last chance.

6. 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).

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.

Earlier this case was scheduled for presentation in 342nd SEAC meeting dated 18/02/2019, 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.

SALIENT FEATURE OF PROJECT:

Project Name	Manufacturing of Bulk drug and Intermediates
Production capacity	318 TPA of bulk drug and drug Intermediate & 9.669 TPA as by product
Estimated Project Cost	7 Crore
EMP Cost (Capital)	1.50 Crores
Acquired Land	11445.65 Sq Mtr.
Total Water Consumption	63 KLD
Net fresh Water Consumption	50 KLD
Source of Water Supply	Water Tankers
Waste Water Generation	19 KLD
Proposed Treatment Facility	Unit will install in ETP of 30 KLD, RO of 15 KLD, MEE of 10 KL/day. The treated water will be used for cooling towers, floor washing and green belt.
Source of power supply	Madhya Kshetra Vidyut Vitaran Company
Power Requirement	Existing : 250 KVA
Fuel Options	FO : 25 L/hr Coal : 2000 Kg/ Day for 2 TPH Boiler Coal : 1000 Kg/ Day for 1 TPH Boiler
Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ETP and RO etc.
Green belt (sq mt)	6637 .50 Sq mt
Employment generation	135

The case was presented by the PP and their consultant. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR as annexed as Annexure D:

1. PP should provide entire product mix in the EIA report.

2. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
 3. Details of solvents and their recovery plan should be discussed in the EIA report.
 4. VOC should be monitored in the AAQ.
 5. All MSDS should be provided with the EIA report.
 6. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
 7. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered without permission from competent authority.
 8. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
 9. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
 10. PP should explore possibility of using Biofuel based technology in boilers.
7. **Case No. - 5941/2019 Shri Vinod Kumar Shrivastave, R/o Badhagar, Village - Gandhigram, Tehsil - Sihore, Dist. Jabalpur, MP Prior Environment Clearance for Laterite, Ocher, Iron Ore and Manganese in an area of 4.00 Ha. (Laterite – 17,496 tonne per annum, Ocher – 9,849 tonne per annum, Manganese – 1,310 tonne per annum, Iron Ore – 1,31,076 tonne per annum) (Khasra No. 1714), Village- Gandhigram, Tehsil - Sihora, Dist. Jabalpur (MP).EIA CONSULTANT:CSIR-Central Institute of Mining and Fuel Research .**

This is case of Laterite, Ocher, Iron Ore and Manganese. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1714), Village-Gandhigram, Tehsil - Sihora, Dist. Jabalpur (MP) 4.00 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 in the lease's 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. 461 dated 28/12/2015 has reported that there are 07 more mine operating or proposed within 500 meters around the said mine with total area of 43.767 ha including this mine.

The case was scheduled for ToR presentation, wherein PP has submitted amended Form-I (Amended as per notification 1st Dec 2009) with revised Production capacity i.e. 17,496 Tonne/Annum of Laterite, 9849 Tonne/Annum of Ocher, 3476 Tonne/Annum of Manganese and 1,31,076 Tonne/Annum of Iron ore, which was placed before committee.

The case was presented by the PP and their consultant wherein PP submitted that no drilling and blasting is proposed in this project and mining will be carried out through bucket excavation. Committee after deliberation decided to recommend standard TOR as prescribed by MoEF&CC, since this is a case of major mineral with 07 more mine operating or proposed within 500 meters around the said mine with total area of 43.767 ha including this mine with following additional TOR as annexed as Annexure D:

- Copy of earlier consent condition from PCB is to be annexed in final EIA report
- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
- Top soil management plan.
- Land use plan should be plotted on the map.
- A village and other settlements (roads etc) within 500 meters of the lease area thus their safety and sensitivity shall be properly addressed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Hydro geological studies should be carried out and be discussed in the EIA report.
- All approved maps of mining plan are to be annexed in final EIA report.
- Slope stability report i.e. compliance of ToR point no 8

8. Case No.4289/15 Shri Ashok Kumar Goenka R/o Lal Building, Katra Bazar, Bhatta Mohalla, Katni (MP)-483501 Prior Environment Clearance for approval of Lime Stone & Dolomite Mine in an area of 2.68 ha. (36,337 TPA) at Khasra no.-52/2, 77P, 79P, 81P, Village-Bamhangawan, Tehsil-Vijayraghavgarh, District-Katni (MP).

This is case of Lime Stone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-52/2, 77P, 79P, 81P, Village-Bamhangawan, Tehsil-Vijayraghavgarh, District-Katni (MP) 2.68 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and FO. Concerned Mining Officer vide letter no. 4255, dated: 5/10/2015 has reported that there are 03 more mines operating or proposed within 500

meters around the said mine with total area of 51.23 ha including this mine. This case was scheduled for the presentation in the 11th SEAC-II meeting 09/03/2016 but on the request of PP differed for 12th SEAC meeting dated 10/03/2016.

The case was presented by the PP in 12th SEAC-II meeting dated 10/03/2016 wherein it was recorded that: It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Minimum six locations are considered for environmental monitoring.
7. Ground water level is recorded in underground sampling locations.

The case was placed before committee as the ToR validity of this case was lapse on dated 09/03/2019, whereas it was observed by the committee from the submitted documents that PP had already made a request to extend the ToR validity vide letter no 03/02/2018 which was forwarded through SEIAA vide letter no 1751 dated 26/02/2018

Based on above submission this case was placed before committee for discussion 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.

- 9. Case No.5949/15 M/s Aarone Developers Pvt. Ltd, 6th floor, Office Tower Select City Walk, A-3 District Center Saket, New Delhi – 110017 Prior Environment Clearance for Proposed Area Development and Township Project "County Walk" (Total Plot Area: 8,08,110 sqm, Total Planning Area: 7,81,340.0 sqm) at Khasra no 12/3, 12/7, 12/4, 12/5, 46/1/2/3, 12/6 (P), 12/8, 14, 15/1, 17/1, 17/2, 19, 18/1, 36, 37, 38, 39, 48, 49,40/1, 46/1/1(P), 46/1/1/2, 46/1/2/1, Village - Jalariya, Tehsil & Dist. Indore, MP.Environment Consultant-ENV DAS (India) Pvt. Ltd.**

This is case of Prior Environment Clearance for Proposed Area Development and Township Project "County Walk" (Total Plot Area: 8,08,110 sqm, Total Planning Area: 7,81,340.0 sqm) at Khasra no 12/3, 12/7, 12/4, 12/5, 46/1/2/3, 12/6 (P), 12/8, 14, 15/1, 17/1, 17/2, 19, 18/1, 36, 37, 38, 39, 48, 49,40/1, 46/1/1(P), 46/1/1/2, 46/1/2/1, Village - Jalariya, Tehsil & Dist. Indore, MP.

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation PP has presented the following salient features of this project.

Salient Features of this Project:

Particulars	Details
Location	Village-Jalariya, District-Indore, Madhya Pradesh
Type of Industry	Area and Township Development
Category	B (Violation case), Schedule 8(b)
Latitude & Longitude	22°46'0.17"N ,75°57'15.52"E
Elevation (m) amsl	556 m
Current status of land	Residential area as per Indore Master plan.
Type of facilities	Plotted Development Group Housing Commercial Club House School Health Centre
Nearest Highway	NH-3 (Mumbai-Agra): 5.5 km (W) NH 59 A : 9.5 Km (S) SH 27: 10Km (W)
Nearest railway station	Laxmibai nagar Railway Station: 10 km(W) MangaliyaGaon Railway Station: 7 Km (NW)
Nearest airport	Devi AhilyabaiHolkar airport : 15 Km (W)
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	None
Reserved/Protected Forests	None
Rivers/Lakes	Hingoniya lake 1.5 Km (E) Saraswati river 7.5 Km (NW)
Archaeological important places	None
Seismic zone	Seismic Zone III.
Defence installations	none

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may be granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows and additional TOR as annexed as annexure D:-

1. Project description, its importance and the benefits.
2. Project site detail (location, Toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition

Rules, 2016.

12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
16. Drone view of colony shall be carried-out and same to be present in EIA presentation.

10. Case No. - 5920/2019 Shri Rinku Keshwani, Village - Sihora, Tehsil - Sihora, Dist. Jabalpur, MP – 482002 Prior Environment Clearance for Murrm Quarry in an area of 1.26 Ha. (13,871 cum per annum) (Khasra No. 287/1), Village- Khitaula, Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Murrm Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 287/1), Village- Khitaula, Tehsil - Sihora, Dist. Jabalpur (MP) 1.26 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 in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar vide letter no. 145 dated 07/02/2019 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein PP submitted that the lease was obtained under temporary permit (TP) with two years validity. During presentation it was recorded as per Google image that site is surrounded by habitations from three sides for which PP submitted that lease is for excavation of Murrum and no blasting will be carryout in this project and a safety area is already left in the mine plan as non mining area. Committee

suggests that a thick row of plantation shall be carried-out towards habitation which will acts as a curtain wall. It was further observed that a Pucca road is in existence at a distance of approx. 30 mts towards SE direction hence additional setback of 20 mts of lease area shall be left as non –mining zone in order to maintain safety for road. Some mined out area was also observed through the Google image for which PP submitted that they have got the lease in this condition and area may be excavated by the local residents. After presentation the committee asked to submit following details:

- Revised EMP by incorporating safety sign board and caution boards
- Revised plantation as suggested during presentation (@ of 600 trees/year).

The PP has submitted the response of above quarries same date vide letter dated 18.03.2019, which was placed before the committee and the same found satisfactory. 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 Murrum 13,871 cum/annum.
2. Considering the sensitivity of lease only manual mining shall be carried out without any blasting.
3. Pucca road is in existence at a distance of approx. 30 mts towards SE direction hence additional setback of 20 mts of lease area shall be left as non –mining zone in order to maintain road safety.
4. The lease area should be clearly distinguished and permanent earmarked at the site.
5. Thick plantation shall be carryout in the periphery of the lease.
6. Six monthly occupational health survey shall be carryout
7. PP should explore possibility of using solar lights in office /rest areas.
8. 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.
9. Mine water should not come out from the lease for which a settling tank shall be provided at the foot hill.
10. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
11. No dump shall be stacked outside the lease area.
12. Top soil shall be simultaneously used for the plantation.
13. 900 trees per year shall be planted by the PP at mine’s safety barrier, approach road and at village road.

14. A budgetary provision for Environmental management Plan of Rs. 8.71 Lakh as capital and Rs. 1.18 lakh as recurring is proposed.
15. Under CSR Rs. 36,000 /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.

11. Case No. - 5921/2019 Shri Rajesh Patel, S/o Shri Lalla Patel, R/o Alonikhapa Mal, PO - Gangatola, Kewlari, Dist. Seoni, MP Prior Environment Clearance for Stone Mine in an area of 1.90 Ha. (25,953 cum per annum) (Khasra No. 301 & 310), Village- Suktara, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 301 & 310), Village- Suktara, Tehsil - Seoni, Dist. Seoni (MP) 1.90 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 in the lease's 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. 668 dated 21/05/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 03.90 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was recorded that as per Google image that a road is passing from the eastern side of the lease which is approx. 10 meters away for that additional 10 mts setback is to be left as non-mining zone. It was also observed that a water body is in existence towards Eastern side of the lease approx. 40 meters away thus garland drains and settling tanks of suitable sizes shall be provided. It was also observed from the Google image that the lease area is already excavated and is having a pit for which PP submitted that the fresh lease was allotted to them in May, 2018 and at that time the pit was in existence and the same has been shown in the surface map. After presentation the committee was asked to PP to submit following information:

1. Blasting details are to be submitted.
2. Revised EMP by incorporating safety sign board and caution boards
3. Revised plantation (@ of 180 trees/year) as suggested by the committee.

Vide letter dtd. 18.03.2019, the PP has submitted 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 25,953 cum per annum.
2. Road is passing from the eastern side of the lease which is approx. 10 meters away thus additional 10 mts setback shall be left as non-mining zone.
3. A water body is in existence towards Eastern side of the lease approx. 40 meters away thus garland drains and settling tanks of suitable sizes shall be provided.
4. The lease area should be clearly distinguished and permanent earmarked at the site.
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.
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. 180 trees/ year shall be planted by the PP at mine's safety barrier, approach road and at village road.
18. A budgetary provision for Environmental management Plan of Rs. 13.46 Lakh, as capital and Rs. 1.99 lakh/ year as recurring cost.
19. Under CER Rs. 0.20 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. - 5918/2019 Shree Premaram Puniya S/o Shree Peeraram Puniya, 63, Asharam Bapu Nagar, Tehsil & Dist. Ratlam, MP – 457001 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 Ha. (19,400 cum per annum) (Khasra No. 273/1), Village- Nougwakalan, Tehsil - Ratlam, Dist. Ratlam (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 273/1), Village- Nougwakalan, Tehsil - Ratlam, Dist. Ratlam (MP) 2.00 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 in the lease's 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. 1959 dated 18/01/2019 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- Revised EMP by incorporating safety sign board and caution boards
- Commitment from the PP that a 3 mts high MS wind breaking wall shall be developed along the site.

Vide letter dtd. 18.03.2019, the PP has submitted 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 19,400 cum per annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Transportation of material shall be done in covered vehicles.
4. Transportation of minerals shall not be carried out through forest area.
5. Six monthly occupational health survey shall be carryout/
6. PP should explore possibility of using solar lights in office /rest areas.

7. 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.
8. No overcharging during blasting to avoid vibration.
9. Muffle blasting shall be adopted.
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 village road 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. 2000 trees/ year shall be planted by the PP at mine's safety barrier, approach road and at village road.
16. A budgetary provision for Environmental management Plan of Rs. 05.27 Lakh, as capital and Rs. 1.42 lakh/ year as recurring cost.
17. Under CER Rs. 0.84 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. - 5919/2019 Shree Laduram Choudhary, Chirakhadan Crusher Stone Quarry, near Village - Chirakhadan, Tehsil - Bajna, Dist. Ratlam, MP - 457001 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 Ha. (8,245 cum per annum) (Khasra No. 20), Village- Chirakhadan, Tehsil - Bajna, Dist. Ratlam (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 20), Village- Chirakhadan, Tehsil - Bajna, Dist. Ratlam (MP) 2.00 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 in the lease's 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. 1958 dated 18/01/2019 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed from the Google image that a crusher is being installed at site, for which PP submitted that

crusher was installed after getting TP from office of collector vide letter no. 279 dated 20/06/2017. Committee further observed in the Google image that a pucca road in the south-west side at a distance of approx. 50mts and a natural drain is in existence towards SE direction thus garland drains and settling tanks of suitable sizes shall be provided towards natural drain side with thick rows of plantation towards road side. After presentation the committee was asked to PP to submit following information:

1. Revised EMP by incorporating safety sign board and caution boards.
2. Copy of crushed allotment letter no. 279 dated 20/06/2017.

Vide letter dtd. 18.03.2019, the PP has submitted 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 8,245 cum per annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Crusher shall be installed minimum 100 meters away from the road with 03 meters high MS wind breaking wall.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Six monthly occupational health survey shall be carryout/
7. PP should explore possibility of using solar lights in office /rest areas.
8. 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.
9. No overcharging during blasting to avoid vibration.
10. Muffle blasting shall be adopted.
11. Mine water should not come out from the lease.
12. No explosive will be stored at mine site.
13. Kachha road from mine site to the village road shall be made pakka and maintained by PP.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 2000 trees/ year shall be planted by the PP at mine's safety barrier, approach road and at village road.

17. A budgetary provision for Environmental management Plan of Rs. 05.27 Lakh, as capital and Rs. 1.42 lakh/ year as recurring cost.
18. Under CER Rs. 0.84 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.

14. Case No. - 5933/2019 Shri Jagat Prakash Yadav S/o Shri Ramswaroop Yadav, Village & Post - Basowa, Tehsil - Orchha, Dist. Niwari, MP – 472246 Prior Environment Clearance for Stone Quarry in an area of 1.845 Ha. (10,000 cum per annum) (Khasra No. 121, 126), Village- Dewari Bamnau, Tehsil - Niwari, Dist. Niwari (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 121, 126), Village- Dewari Bamnau, Tehsil - Niwari, Dist. Niwari (MP) 1.845 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 in the lease's 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. 1563 dated 25/09/2018 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

PP vide letter dated 15/03/2019 has requested to change the district Tikamgarh to Niwari in their project details as per M.P Gazette 530 dated 29 September 2018. Revised Form-I is also submitted in the name of Niwari district.

The case was presented by the PP and their consultant. During presentation committee observed in the Google image that a pucca road in the north-west side at a distance of approx. 150mts which is sufficiently away from the lease and it was also observed that a natural drain is in existence towards Southern direction at a distance of approx. > 100 mts thus garland drains and settling tanks of suitable sizes shall be provided with thick rows of plantation along the periphery of the lease boundary. Some trees are seems to be exits in lease area hence, for uprooting necessary permission shall be taken from competent authority. After presentation the committee was asked to PP to submit following information:

1. Revised EMP by incorporating safety signage and caution boards

2. Committeemen that trees uprooting shall be carried-out only after the approval from competent authority.

Vide letter dated 18/03/2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 10,000 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 with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease.
10. No explosive will be stored at mine site.
11. No dump shall be stacked outside the lease area.
12. Top soil shall be simultaneously used for the plantation.
13. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions. Crusher shall be installed minimum 100 meters away from the road.
14. 370plants/year shall be planted by the PP at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs. 09.41 Lakh as capital and Rs. 2.68 Lakh/year as recurring cost.
16. Under CER Rs. 50,000 as capital cost /years has proposed. 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. - 5947/2019 M/s Pitambara Granites, Shri Veer Singh Urf Virendra Singh Gurjar, Partner, Ohadpura Alkapuri, Dist. Gwalior, MP – 474002 Prior Environment Clearance for Stone Quarry in an area of 1.810 Ha. (48,960 cum per annum) (Khasra No. 197, 199, 200), Village - Turakpura, Tehsil - Gwalior, Dist. Gwalior (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 197, 199, 200), Village - Turakpura, Tehsil - Gwalior, Dist. Gwalior (MP) 1.810 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 in the lease's 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. Q.L-45/2013 dated 20/08/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.30 ha including this mine.

The case was presented by the PP and their consultant. During presentation committee observed in the Google image that a natural drain is in existence towards NW direction at a distance of approx. 40 mts thus garland drains and settling tanks of suitable sizes shall be provided with thick rows of plantation along the periphery of the lease boundary. Some trees are seems to be exits in lease area hence, for uprooting necessary permission shall be taken from competent authority. After presentation the committee was asked to PP to submit following information:

1. Revised EMP by incorporating safety signage and caution boards
2. Committeemen that trees uprooting shall be carried-out only after the approval from competent authority.
3. Revised inventory of plantation with its girth details and commitment for their uprooting after approval of the competent authority.
4. Revised dimensions of settling tank (40 mts length to be reduced to 20 mts).

Vide letter dated 18/03/2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 48,960 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 with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease.
10. No explosive will be stored at mine site.
11. No dump shall be stacked outside the lease area.
12. Top soil shall be simultaneously used for the plantation.
13. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions. Crusher shall be installed minimum 100 meters away from the road.
14. 360plants/year shall be planted by the PP at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs.08.45 Lakh as capital and Rs. 2.91 Lakh/year as recurring cost.
16. Under CER Rs. 1.50 Lakh as capital cost /years has proposed. 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.

16. Case No. - 5723/2018 Sarpanch, Gram Panchayat Silgi, Tehsil - Mandla, Dist. Mandla, MP. Prior Environment Clearance for Sand mine in an area of 6.00 Ha. (1,05,948 cum per annum) (Khasra no. 1) at Village- Silgi, Tehsil - Mandla, Dist. Mandla (MP).

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 1) at Village- Silgi, Tehsil - Mandla, Dist. Mandla (MP), 6.0 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 Collector's office vide letter no. 555 dated 02/5/2018 has reported that there is

01 more mine operating or proposed within 500 meters around the said mine with total area of 11.100 ha including this mine.

Earlier this case was presented by the PP and their consultant in 323rd SEAC meeting dated 18/08/2018. During presentation it was observed by the committee that replenishment details of sand are not provided in the mine plan. Thus PP was asked to provide replenishment details duly approved by the competent authority for further consideration of the project.

The case was presented by the PP and their consultant in 336th SEAC meeting dated 04/12/2018, wherein PP submitted that semi mechanized open-cast method through local labors, loader/Elevator is proposed and this is also mentioned in the mining plan. Hence, after presentation PP was asked to submit following details:

1. As per presentation, the proposed method of mining is semi-mechanized using machine such as JCBs (pockland) and hywa/trucks. However, unladen weight and laden weight of both the machine (empty/ full with sand) not given, this information is essential to assess the amount of load that will be put on river bed and also to assess the level of “Bed compaction” for which report on bed compaction should be submitted.
2. Extent of mechanization with capacity and number of machinery engaged in the sand mining.
3. The replenishment plan submitted by PP is not approved by the competent authority and only an “Approval” seal is placed on the plan without any signature. Thus PP was asked to submit copy of approval letter issued by the competent authority.

Earlier this case was scheduled for the presentation in 343rd SEAC meeting dated 19/02/2019, 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.

The case was scheduled for 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. Earlier PP was also absent in 343rd SEAC meeting dated 19/02/2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

17. Case No. - 5724/2018 Sarpanch, Gram Panchayat Bhapsa, Tehsil - Mandla, Dist. Mandla, MP Prior Environment Clearance for Sand mine in an area of 5.10 Ha.

(1,03,275 cum per annum) (Khasra no. 412) at Village- Bhapsa, Tehsil - Mandla, Dist. Mandla (MP).

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 412) at Village- Bhapsa, Tehsil - Mandla, Dist. Mandla (MP) 5.10 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 Collector's office vide letter no. 553 dated 02/5/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 323rd SEAC meeting dated 18/08/2018. During presentation it was observed by the committee that replenishment details of sand are not provided in the mine plan. Thus PP was asked to provide replenishment details duly approved by the competent authority for further consideration of the project.

In 336th SEAC meeting dated 04/12/2018, PP and their consultant presented the case. During presentation PP stated that semi mechanized open-cast method through local labors, loader/Elevator is proposed and this is also mentioned in the mining plan. Hence, after presentation PP was asked to submit following details:

1. As per presentation, the proposed method of mining is semi-mechanized using machine such as JCBs (pockland) and hywa/trucks. However, unladen weight and laden weight of both the machine (empty/ full with sand) not given, this information is essential to assess the amount of load that will be put on river bed and also to assess the level of "Bed compaction" for which report on bed compaction should be submitted.
4. Extent of mechanization with capacity and number of machinery engaged in the sand mining.
5. The replenishment plan submitted by PP is not approved by the competent authority and only an "Approval" seal is placed on the plan without any signature. Thus PP was asked to submit copy of approval letter issued by the competent authority.
6. As per Google image of December, 2017 based on the co-ordinates provided by the PP, approx. 40% of the lease area is submerged in water and in stream mining is not permitted. Thus PP was asked to submit revised production plan leaving the submerged area as non mining area as per Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

PP vide letter dated 17/10/2018 has submitted the requisite information, based on this submission this case was scheduled for the discussion and presentation in 345th SEAC meeting dated 21/02/2019, 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 of SEAC.

The case was scheduled for 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. Earlier PP was also absent in 345th SEAC meeting dated 21/02/2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

QUERY REPLY DISCUSSION

18. Case No. - 5908/2019 Shri Haneesh Suri, C-3, Samadhiya Colony, Lashkar, Dist. Gwalior, MP – 474003 Prior Environment Clearance for Flag Stone – 11,250 Cum/Year, Gitty Stone – 33,750 Cum/Year and Dust – 67,500 Cum/Year in an area of 1.618 Ha. (Khasra No. 229/2, 245/2), Village- Agarbhatpura, Tehsil - Gwalior, Dist. Gwalior (MP).

This is case of Flag Stone, Gitty and Dust Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 229/2, 245/2), Village- Agarbhatpura, Tehsil - Gwalior, Dist. Gwalior (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. ML86 dated: 08/1/2019 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 in 349th SEAC meeting dated 05/03/2019 wherein it was observed from the Google image (Dec. 2018) that a natural nallah is in existence on the southern- eastern side of the lease at a distance of approx. 200 meters, village road at a distance 10 meters approx. at north direction from the lease. PP also stated

that the mine is on Basaltic formation and this will be loose by regular drilling and no blasting is proposed. This will be transport from pit bottoms to surface by manually or mechanically by using poclairn machine and transported by Truck, Dumper.

After presentation the committee asked to submit following details:

- Revised plantation scheme for 1300 plantations as suggested by committee.
- Revised EMP with inclusion of budget for Over-head Sprinkling System (OHS), PPE, Fire-fighting equipments, MSW disposal, first-aid, occupational health survey, and Shelter home for labors etc.
- Revised size and nos. of settling tanks as suggested 25 (L)X 4(W)X 2.5 (D).
- Revised CSR activities with appropriate budget suggested by the committee

Vide letter dated 18/03/2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 Flag Stone – 11,250 Cum/Year, Gitty Stone – 33,750 Cum/Year and Dust – 67,500 Cum/Year
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 with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease.
10. No explosive will be stored at mine site.
11. No dump shall be stacked outside the lease area.
12. Top soil shall be simultaneously used for the plantation.
13. A crusher is also proposed within the lease area for which wind breaking wall of minimum 03 meters height of MS should be erected all around the crusher to avoid fugitive emissions. Crusher shall be installed minimum 100 meters away from the road.

14. 700 plants shall be planted by the PP at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs.14.05 Lakh as capital and Rs. 7.72 Lakh/year as recurring cost.
16. Under CER Rs. 3.00 Lakh as capital cost /years has proposed. 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.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Shri Prashant Srivastava)
Member

(Dr. J. P. Shukla)
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/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. 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 trellis (tractor trellis) and not by heavy vehicles. Only registered tractor trellis 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.