

The 466th meeting of the State Expert Appraisal Committee (SEAC) was held on 26th November, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. Sonal Mehta, Member.
3. Dr. Rubina Chaudhari, Member.
4. Dr. J. P. Shukla, Member
5. Shri. R. Maheshwari, Member.
6. Shri A. A. Mishra, Secretary.

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

1. **Case No. – 6303/2019 M/s D.G.Mining Pvt. Ltd, Shri Dileep Gupta, 158, Zone-II, M.P.Nagar, Dist. Bhopal, MP Prior Environment Clearance for Granite Mine in an area of 7.60 ha. (1,267 cum per annum) (Khasra No. 551/5/1, 552/3 Parts), Village - Baghat, Tehsil - Niwari, Dist. Tikamgarh (MP). Environmental Consultant: M/s Creative Enviro Services.**

This is case of Granite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 551/5/1, 552/3 Parts), Village - Baghat, Tehsil - Niwari, Dist. Tikamgarh (MP) 7.60 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 letter No. 212 dated: 04/04/19 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 and discussion in 376th SEAC meeting dated 01/07/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 4866 dated 12/11/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees wherein PP submitted that this project is proposed for the mining of Granite from the Govt., waste land by open cast mechanized method. Mining will be confined to the allotted lease area which lies on the Govt. waste land from which approximately 1267 cum of Granite block will be excavated per annum. The mining lease has been granted in favour of M/s D. G. Mining Pvt. Ltd., over an area of 7.60 Ha with Khasra No. 551/5/1, 552/3 situated in Village Baghat, Tehsil- Niwari, Dist. Tikamgarh (MP). A total mineable reserve as per the mining plan is 349269 cum & with maximum of production of granite mineral 1267 cum per annum. The proposed project is an opencast and fully mechanized mining project, where mining of Granite block will be done through wire saw and gali toda method. Methods of mining will be open cast, and mechanized. After presentation and deliberation, PP was asked to submit following information:

1. Physical targets for issues raised during public hearing issues as per MoEF&CC OM dated 30th September, 2020.

PP vide their letter dated 26.11.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Baghat Granite deposit Mine (7.60 Ha), (Granite 1267 M3 Per Year,) (Khasra No. 551/5/1, 552/3 at Village –Baghat, Tehsil- Niwari, Dist. Tikamgarh (MP) subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.

6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

1. No blasting is proposed.
2. Retaining wall (H-1.00 meters, Width-1.5 meters and Length-1182 meters) shall be provided towards human settlement side on the northern side at distance of approx. 150 meters.
3. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
4. Working height of the loading machines shall be compatible with bench configuration.
5. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
6. No explosive will be stored at the mine site.
7. No intermediate stacking is permitted at the mine site.
8. No dump shall be stacked outside the lease area.
9. Overhead sprinklers shall be provided in mine.
10. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
11. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 13190 no of trees shall be planted on barrier/non working zone, backfilled area, village and along the transportation route.
12. Transportation of material shall be done in covered vehicles.
13. Transportation of minerals shall not be carried out through forest area.
14. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
15. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush

of water into the mine. The size of the drain will be 224M X 1M X 1M, 271M X 1M X 1M, and 512M X 1M X 1M. The settling tank will be 01 in number of size 0.53haX 4mD.

16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. The existing and proposed land use plan of the mine is as follows:

Items	Existing	Conceptual period
Total lease area	7.60 ha	
Ultimate depth of mining	-	26 m bgl (182 mRL)
Ultimate pit slope	-	45 degree
Area under dumps	Nil	Nil
Area under pits	0.1494ha	6.18 ha
Infrastructure & Road	Nil	0.20 ha
Mineral storage	Nil	Nil
Plantation	Nil	1.00 ha (2000No.)
Un-worked area	7.4506ha	0.22ha
Total area	7.60ha	7.60ha
Water body	Nil	0.85 ha
Backfilled area	Nil	4.6570ha
Plantation		
Un-worked area	Nil	1.00ha (2000No.)
Backfilled area	Nil	4.6570 ha (9314No.)
Bench area	Nil	0.673ha (1346No.)
Total area for plantation	Nil	6.33ha (12660No.)

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

(C) ENTIRE LIFE OF THE PROJECT

1. In the proposed EMP, Rs. 74.96 Lakh is proposed as capital and Rs.15.82 Lakh /year is proposed as recurring expenses.
2. Under CSR, following activities with physical targets are proposed by PP on the basis of concerns raised during public hearing and same shall be implemented by PP:

1	Provision of 02 hand-pumps at village Bhagat to facilitate drinking water facility.
2	Construction and maintenance of village road from lease area to pucca road to be used for transportation of mineral. (660 mtrs with 7.5 mtrs width)
3	Conduction of half yearly medical camp for assessment health of villagers of Bhagat and nearby area inclusive of COVID related activities (provision of sanitizers, mask and other PPEs) for initial first year.
4	Development of plantation with 500 no at common place / School / Panchayat bhawan of village – Bhagat.
5	Provision of garland drains around periphery within the lease to prevent the silt containing flow at nearby agricultural land. The aspects has been covered under EMP.

3. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 4. 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.
2. **Case No. – 6665/2019 M/s Sanchi Chemicals Pvt. Ltd, 412-A, City Center, 570, MG Road, Dist. Indore, MP - 452001, Prior Environment Clearance for Capacity Expansion in Manufacturing of Synthetic Organic Dyes, Dye Intermediates & Chemicals Proposed Production from 650 to 13,908 MTPA, at Plot No. 8J, Sagore, Pthampur Industrial Area, Dist. - Dhar, (M.P.). Env. Con. – Creative Enviro Services, Bhopal (M.P.).**

This is a case of Prior Environment Clearance for Capacity Expansion in Manufacturing of Synthetic Organic Dyes, Dye Intermediates & Chemicals Proposed Production from

650 to 13,908 MTPA, at Plot No. 8J, Sagore, Pthampur Industrial Area, Dist. Dhar, (MP).
Cat. 5 (f) Synthetic Organic Chemicals Industry (Dyes & Dye Intermediates).

Earlier this case was scheduled for presentation and discussion in 410th SEAC meeting dated 02/12/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 17/10/2020 which was forwarded through SEIAA vide letter no. 4880 dated 17/11/2020, which was placed before the committee.

The case was scheduled for the EIA presentation and discussion where PP and their consultant were present through video conferencing, during presentation PP has submitted following project details:

- The unit is engaged in manufacturing of Synthetic dye, dye intermediates and chemicals in category 5 (f). The concept of proposed expansion project is to enhance the capacity from 650 MTPA to 13908 MTPA within the existing premises.
- The project occupies total plot area of 6400 sqm and involves in business of manufacturing of synthetic dye & dye intermediate products.
- The major facilities involved area Boiler, Cooling Towers, Effluent Treatment Plant (ETP) and MEE Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- The water requirement for the existing project is 10.393 KL per day. The total water requirement for existing and proposed project will be around 49.594 KLD and after recycling of 37.796 KLD of water, net fresh water requirement will be 11.798 KLD, which is/will be sourced through AKVN. Total cumulative waste water generation of 39.785 (proposed) (4.11 KLD existing) and treated in ETP of 50 KL/day. The treated water will be used for Process, cooling towers, floor washing and gardening/green belt
- Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, Pre processing, Co processing in cement plant, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016)
- Power requirement will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The company is already authorized to use power load of 90 kva.
- The M/s SCPL is having existing workers 25 number and will have total manpower of approx. 40 no. after expansion and are/will be from Pithampur and nearby villages/area and therefore no residential planning has been incorporated.

SALIENT FEATURE OF PROJECT

Production capacity	650 TPA to 13908 TPA of Synthetic dye, dye intermediates and chemicals
Estimated Project Cost	Existing : 3.92 Crore Additional : 4.21 Crore (Total = 8.13 Crore)
EMP Cost (Capital)	Existing : 3.92 Crore & Existing+ Proposed : 233.80 Lacs
EMP Cost Recurring	Existing : 27.01 Lacs & Existing+ Proposed : 14.50+ 40 Lacs
Acquired Land	6400 sq mtrs
Total Water Consumption	Existing : 10.393 KLD & Additional : 39.202 KLD (Total= 49.594 KLD)
Net fresh Water Consumption	11.798 KLD as 37.796 KLD of treated water will be recycled.
Source of Water Supply	AKVN
Industrial Waste Water Generation	Existing : 4.11 KLD Additional : 35.675 KLD (Total= 39.785 KLD)
Treatment Facility	ETP of 50 KLD, MEE of 30 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 Stand BY DG Set : 350 KVA (Proposed)
Power Requirement	Existing : 90 KVA proposed : 60 KVA Total : 150 KVA
Boilers Details	Existing: 1no - 0.7 TPH, 1 no. : 2 TPH (total = 2no)
Fuel Options Coal kg/hr	Existing : 40KG/day proposed : 40 KG/day Total : 80 KG/day
Major equipments	Reactors, Centrifuge, drum Dryer, Filters, Boiler, Cooling Tower, MEE, ETP etc.
Green belt (sq mt)	Existing : 784.27 sq mtrs proposed : 215.73 sq mtrs Total : 1000 Sq mtrs
Employment generation	Existing : 25 proposed : 15 Total : 40

List of Products

Sr. No.	Name Of Products	Existing Quantity (Mt/Year)
1	EBASA	400
2	SO DYES	250
Total		650

SN	Name of expanded and additional products	capacity in MTPA
For New Product		
1	EBASA (Ethyle Benzyle Aniline Sulphonic Acid)	2500 MT
2	SO Dyes	1500 MT
3	Calcium Sulphate	5000 MT
4	Ethyle Benzyle Aniline	1800 MT
5	Sodium Iodide	120 MT
6	Potassium Iodide	180 MT
7	Calcium Iodate	120 MT
8	Sodium meta periodate	120 MT
9	Periodic acid- 50%	48 MT
10	Ethylene diamine dihydriodide	36 MT
11	Iodine monochloride	24 MT
12	Cuprous Iodide	60 MT
13	Sodium Selenite	120 MT
14	Sodium Selenate	48 MT
15	Selenium dioxide	120 MT
16	Selenious acid	24 MT
17	Sodium biselenite	36 MT
18	Zinc Selenite	24 MT
19	Vanadyl Sulphate	96 MT
20	Sodium meta vanadate	36 MT
21	Selenium Sulfide-USP	96 MT
22	Other Suphonated products (2B, 4B Acid, Pantosa)	1800 MT
	TOTAL	13908 TPA

Land Use Pattern

Particular	Area in Sq Mt Existing	Area in Sq Mt Proposed	Area in Sq Mt After Expansion
Built up Area	2007.1	1992.9	4000
Raw Material Storage	192.59	207.1	400
Internal road	837.2	62.8	900
Green Belt	784.27	215.73	1000

Open Land	2578.84	-2478.84	100
Total area	6400	6400	6400

Environmental Setting

Particulars	Details
Location	Sagore, Pithampur Industrial area, Sector-3 Dhar (MP)
Toposheet No.	46N/10
Latitude Longitude	22°36'46.35"N - 22°36'50.71"N 75°36'10.78"E -75°36'14.50"E
General ground level	554m above MSL
Nearest National/ State Highway	Mhow- Ghatabillod Road – 1.25km - N
Nearest Railway Station	Mhow – 18.75km
Nearest Airport	Indore – 23.50km
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
RF/PF Forest within 10km radius	Betma RF - 5.50km – NE PF - 2.75km - SE
Nearest major city with 100000 population	None within 10km radius
Nearest Town / City within 10km radius	Pithampur
Surrounding village within 1 km area of the project	Sagore
Nearest village	Sagore - 1.00km - S
Nearest River	Chambal River – 5.75km - SW Angrer Nadi - 1.50km – SE
Nearest Lake/ Ponds	Nulikhl Nalla – 6.50km - NNW Kishan pura Talab – 7.50km – NE Sanjay Jalashay – 7.75km - ESE
Nearest Hill Ranges	None within 10 km radius

Air Pollution control Measures

Stack Attached to	Fuel Used	Fuel consumption rate	APC measure
Baby Boilers (coal)- (0.7 TPH	Coal	40 kg/hr	Bag Filter Dumper, Dust Collector, Gravity Settling chamber, Green Belt,
Coal Fired Boiler(Coal) 2 TPH	Coal	80kg/hr	Bag Filter Dumper, Dust Collector, Gravity Settling chamber, Green Belt, Natural Draft
DG Set -150 KVA (1 Nos.)	Diesel	20 L/hr	Stack

S. No.	Stack Attached to	Stack Height (m)	Pollution Control Equipment
1	Baby Boilers (Coal) : 0.7 TPH	30 Mtr	Bag Filter , Dust Collector
2	Coal Fired Boiler (Coal) 2 TPH	30 Mtr	Bag Filter, Dust Collector
3	DG Set -150 KVA	15 Mtr	-

- Company has one Steam Boiler having capacity of 2.0 TPH running on coal. At present the capacity utilization is about 50 -60% only.
- This is based on Nozzle bed type for getting higher efficiency and minimize losses.
- Thermo-syphone has been installed and it is followed by dust collector to ensure arresting of fly ash.
- A chimney having height of 30 meter is installed.
- Bag filter has been installed to arrest the fine particulate matters
- Company has Routine Maintenance Program to consistently achieve Boiler Efficiency.
- Company proposes to install Pressure operated Condensate Recovery Units to collect and reuse at least 50% of Steam Condensate

Process Stack:

- Company proposes 02 No of Alkali scrubbers to take care of trace quantities of SO₃.
- Company proposes 02 No of Process Stacks having 05 meter height to discharge Process Air containing minimal traces of SO₃.

- Regular monitoring will be done of piping and fittings for checking of any leakages.
- Good housekeeping maintained in the plant.
- Routine Environmental Monitoring is carried out on quarterly basis to ensure compliance to PCB norms.

To mitigate the impact of pollutants from boiler stack, sources of fugitive emission and vehicular traffic during the operational phase of the site, following measures:

- Height of all the stacks will be as per statutory requirement as 30 mtrs for both boiler (0.7 TPH and 2 TPH) . All the stacks will have Monitoring Facility (SMF) consisting of sampling port-hole, platform and access ladder.
- Bag filter shall be provided at proposed boiler to control the emission below 50 mg per cubic meter
- The work zone and surrounding areas shall be monitored for VOC also possibility shall be explored for periodic VOC monitoring system.
- Online monitoring system for the pollutants from the stacks with an arrangement to reflect gaseous emission parameters on company's server shall be provided.
- Company proposes 2 No of Alkali scrubbers to take care of trace quantities of SO₂/ SO₃ and Company proposes 2 No of Process Stacks having 30 meter height to discharge Process Air containing minimal traces of SO₂ and SO₃.
- Company proposes to install Pressure operated Condensate Recovery Units to collect and reuse at least 50% of Steam Condensate
- Regular monitoring of the stack emission of proposed scrubber shall be carried out.
- Better process control shall also help to keep the emission within the limit
- Transport vehicles will be properly maintained to reduce air emissions. Vehicles will be periodically checked for pollutant emissions against stipulated norms.
- Idle running of vehicles will be minimized during material loading/unloading operations.
- Water sprinkling along the internal road and around premises.
- Proper maintenance air pollution control equipment
- Regular maintenance of vehicles and machinery in order to control emissions
- A good housekeeping and proper maintenance will be practiced in the industry.

WATER BALANCE

The water requirement for the existing project is 10.393 KL per day. The total water requirement for existing and proposed project will be around 49.594 KLD and after

recycling of 37.796 KLD of water, net fresh water requirement will be 11.798 KLD which is/will be sourced through AKVN. Total cumulative waste water generation of 39.785 (proposed) (4.11 KLD existing) and treated in ETP of 50 KL/day.

Break up of Existing and proposed Water Consumption			
Sr. No.	Category	Water Consumption, (Lit/day)	
		Existing	Proposed
1.	Domestic	1000	2000
2.	Gardening	1000*	4500
3.	Industrial		
i	Process	1693	31894
ii	Boiler	6000	9800
iii	Chilling makeup	200	400
iv	Washing	500*	1000
Total Industrial		8393	43094
Total (1+2+3)		10393	49594
Recycle		3905	37796
Actual fresh water requirement		6488	11798

Break up of Waste water Generation			
Sr. No.	Category	Wastewater Generation, (Lit/day)	
		Existing	Proposed
1.	Domestic	1000	2000
2.	Gardening	1000	4500
3.	Industrial		
i	Process	2410	36835
ii	Boiler	1200	1950
iii	Chilling makeup	0	0
iv	Washing	500	1000
Total Industrial		4110	39785
Total (1+2+3)		6110	46285
Recycle		3905	37796

- The total water requirement for the project will be approx. 49.594 KLD and after recycling/reuse, the net fresh water consumption will be 11.798 KLD which will be sourced from AKVN water supply. Total waste water generation which will be treated in ETP will be 46.285KL/day.
- Storm water drainage system will be strengthened and shall be maintained preciously to prevent the flow of silt ,chemicals and other contaminant outside of the site
- Blow downs from cooling towers, boiler, scrubber, Softener regeneration, Vacuum pump approx 1.95 KL will go to ETP.
- The entire trade effluent will be divided into two streams i.e. Stream-I (high concentrated streams) and Stream-II (low concentrated stream). Both the streams will be treated in well-designed ETP, RO and MEE.
- High COD high TDS wastewater will be sent to MEE. Remaining will be treated in ETP.
- The Domestic waste will be treated in a septic tank/soak pit or aeration system followed by ETP.
- Utilization of treated wastewater in toilet flushing, greenbelt development and dust suppression.
- A drain along the boundary wall shall be made, which will be connected proposed settling tank to protect the flow of contaminant towards nearby area.
- Being a chemical based plant, it is proposed to harvest the rain water only form the building roof top.
- Recycling of 37.796 KLD water is proposed which reduces the fresh water demand.
- No treated / untreated effluent would be discharged on land in Industrial premises or study area.
- Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.

Hazardous waste management

Type of waste & Category	Maximum Quantity			Disposal Method
	Existing	Additional	Total	
Discarded drums (Cat. 33.1)	35 MT	65 MT	100MT	Collection,Storage, Transportation & Disposal To Co-Processing/TSDF site/authorised recyclers
Flue Gas Cleaning Residue (Cat 34.1)	200 KG	300 KG	500 KG	Collection,Storage, Transportation & Disposal To Co-Processing/TSDF site/authorised recyclers

Spent Ion Exchange Resin containing toxic chemicals (Cat 35.2)	50 KG	50 kg	100 KG	Collection, Storage, Transportation & Disposal To TSDF site
Chemical Sludge from Waste Water Treatment (Cat. 35.3)	1300 MT	3700 MT	5000 MT	Collection, Storage, Transportation & Disposal To Co-Processing/TSDF site/authorised recyclers
Used Spent Oil (Cat.5.1)	10 LTR	30 LTR	40 LTR	Sale to authorized vendors.

Sr. No.	Type of Waste	Category	Quantity Existing	Quantity Proposed	Disposal facility
1.	ETP sludge + Evaporation salt	34.3	20.0 MT/YEAR	180 MT/YEAR	Collection, Storage, Transportation & Disposal to TSDF site.
2	Process sludge	26.1	100.0 MT/YEAR	100 MT/YEAR	Collection, Storage, Transportation & Disposal to TSDF site.

During presentation it was submitted by PP that existing unit was established in the year 1994 and thus EC was not applicable. After presentation and discussion PP was asked to submit following revised details:

1. Commitment that Iron Sludge is not generated from any of the process.
2. Legible copy of proposed layout preferably in A-3 size.
3. Commitment regarding the provision of additional green belt with 250 numbers at along the road and vacant plot of the industrial area.
4. Revised EMP as suggested by committee.
5. MSDS of all chemicals proposed in the unit.
6. Certificate regarding accreditation of consultant from NABET.

PP vide letter dated 26.11.2020 submitted 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 to M/s Sanchi Chemicals Pvt Limited for capacity expansion in production of synthetic organic dye, dye intermediates & chemicals At Plot No. 8-H, 8-I & 8-j, Sagore Village-, Pithampur Industrial Area, Dist Dhar (MP) Proposed Capacity 650 TPA to 13908 TPA under Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project subject to the following special conditions:

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. The DG sets (1 X 350 KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
7. The boilers shall be provided with bag filter to control the emission limit as prescribed by MPPCB and maintained its efficiency.
8. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
9. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. The project proponent shall provide online continuous monitoring of effluent (if applicable) , the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The net fresh water requirement for industrial purposes shall be 11.796 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
4. The industrial waste water generation after expansion shall be (39.78 KLD) be segregated as high COD/high TDS, Low COD, Low TDS and domestic effluents (2 KLD) . The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
5. The industrial, domestic and other water requirement for the proposed project is 49.594 KL per day sourced from surface water supply. Total waste water will be treated in ETP of 50 KLD, RO of 15 KLD and MEE of 30 KL/day respectively.
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ

camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.

7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
9. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
10. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG (1 X 350KVA) set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 150 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Coal Consumption 80 kg per day (Source Indigeneous)

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Hazardous wastes such as spent organic incinerable wastes/residues, chemical sludge, ATFD salt, used filter bags, packaging materials, rejected/expired raw materials and off

specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.

3. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
4. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
5. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
6. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
7. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
8. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
9. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
10. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
11. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
12. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
13. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
14. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
15. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.

- c. Use of automated filling to minimize spillage.
- d. Use of Close Feed system into batch reactors.
- e. Venting equipment through vapour recovery system.
- f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. The green belt of 5-10 m width shall be developed at 1000 sq. meter within plant with the 200 number in the project area, mainly along the plant periphery, in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed another 250 trees shall be proposed along the road at outside of the plant area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP

1. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
4. The proposed EMP cost is Rs. 230.80 Lakhs as capital and 14.50 + 40 Lakhs /year as recurring cost.
5. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
6. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
 3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, and also that during their presentation to the Expert Appraisal Committee.
 4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
3. **Case No 7892/2020 M/s D.P.Wellness Pvt. Ltd, Shri Hemant Kantilal Katariya, Director, 39-44, Industrial Area, Dist. Ratlam, MP - 457001, Prior Environment Clearance for Manufacturing of Bulk Drug, Intermediates & API at Plot No. 61, AKVN Industrial Area, Maksi, Dist. - Shajapur, (M.P.). Capacity – 1600 TPA. Env. Con.- Creative Enviro Services, Bhopal (M.P.)**

This is case of Prior Environment Clearance for Manufacturing of Bulk Drug, Intermediates & API at Plot No. 61, AKVN Industrial Area, Maksi, Dist. - Shajapur, (M.P.). Capacity – 1600 TPA.

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

The case was scheduled for the presentation in 465th SEAC meeting dated 7/11/2020 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

- D. P. Wellness Pvt. Ltd. is proposed to Manufacture of bulk drug (API) steroids, hormones, vitamins, Active pharmaceuticals ingredients and Its Intermediate. The proposed products like Dexamethasone sodium phosphate, Clobetasole Propionate, Betamethasone Valerate, Vitamin etc, Active pharmaceuticals ingredients and Its Intermediate.
- The proposed project is for the API and Bulk Drug Manufacturing Facility for 1600MT/annum, in the premises of 23819sq.m.
- The major facilities involved area Boiler, Cooling Towers, Effluent Treatment system (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- The industrial water requirement for the proposed project is 120 KL per day which will be sourced from tanker water supply. Total waste water generation from proposed unit will be 71.9 KLD which will be treated in ETP (80 KLD), RO (20 KLD) and MEE of 10 KLD,
- Solid waste generated during the manufacturing process and sludge from wastewater treatment process will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Trans-boundary Movement) Rules, 2008 (Amendment 2016). M/s D. P. Wellness Pvt. Ltd. will take authorization Under Hazardous Waste (Management, Handling & Trans-boundary Movement), Rules.
- Power requirement will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The company is authorized to use power load of 500 KVA. In case of power failure, D.G. sets of 500 KVA will be used as a backup power source.
- The M/s D. P. Wellness Pvt. Ltd. will have total manpower of approx. 150 and will be from Ratlam nearby villages/area and therefore no residential planning has been incorporated.
- The total estimated cost of the proposed project Rs. 9.5 Crore out of which Rs. 144.30 Lacs (capital cost) is allocated for environmental management systems and the annual re-occurring cost for the same is Rs 21.72 Lacs/annum.

Salient Feature of Project

Project Name	Manufacturing of Bulk drug and Intermediates
Location	Dosigaon Industrial Area , Dist-Ratlam (MP)
Production capacity	1600 M Ton per Annum
Estimated Project Cost	Proposed : 9.5 Crore
EMP Cost (Capital)	Proposed : -1.44 Crore (approx)
EMP Cost Recurring	Proposed : 21.72 Lacs (approx)
Acquired Land	23819sq mtrs
Total Water Consumption	120 KLD
Net fresh Water Consumption	100 KLD as fresh 20 KLD of treated water will be recycled.
Source of Water Supply	Tankers
Waste Water Generation	71.9 KLD

Proposed Treatment Facility	Effluent treatment facility will install in ETP of 80 KLD, RO of 20- KLD, MEE of 10 KL/day. The treated water will be used for cooling towers, floor washing and green belt.
Source of power supply	MPPKVCL, Ratlam
Power Requirement	Total : 500-KVA
Fuel	For Boiler (FO : 850kg/hour) For DG set 45kg/hour
Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ATFD ETP and RO etc.
Green belt (sqmt)	7900 sq mtrs (1600No.)
Employment generation	150

List of Products and capacity MT/PA		
S.No	Product name	Production capacity
A	Chlorosulphonation products	500MT/PA
1	2-4-Dichloro-5-Sulfomoyl Benzoic acid	
2	3-Chloroaniline-4,6-disulfonamide 4- Amino-6-chloro-1,3-benzenedisulfonamide	
3	2 3-Ethyl-2,5-dihydro-4-methyl-2-oxo-n-(2-phenylethyl)-1hpyrrole-1-carboxamide	
B	Benzophenone derivatives	500MT/PA
	4-Chloro Benzophenone	
	4-Chloro-4'-Hydroxy benzophenone	
	4-Hydroxy benzophenone	
C	Etoricoxib intermediate	100MT/PA
	1-(6-Methylpyridin-3-yl)-2-[4-(methylsulfonyl)phenyl]ethenone	
D	Intermediates for Sartans	100MT/PA
	2-n-propyl-4-methyl-6-(1-methyl benzimidazole-2-yl) benzimidazole (Telmisartan)	
	2-Butyl-4-spirocyclopentane-2-imidazolin-5-one hydrochloride	
	BCFI	

E	Intermediates (Ortho chlorobenzonitrile –OCBN-100 MT, Amino Pyrazine Carboxamide -50 MT, Allopurinol – 50 MT, Ascorbic Acid- 250 MT, Azithromycin- 50 MT)	400MT/PA
	Total production capacity	1600 MT/PA

Land Use Pattern

Particular	Area In Sq. Mt. (Future)
Builtup Area	1750
Raw Material Storage	1008
Internal Road & Paved Area	1200
Green Belt	7900
Total	11858
Open Land	11961
Total Area	23819

Environmental Setting

Particulars	Details
Locations	
A. Village	Doshigaon Industrial area
B. Tehsil	Ratlam
C. District	Ratlam
D. State	MP
Toposheet No.	46M/3
Latitude	23°21'51.77"N-23°21'56.36"N
Longitude	75° 2'50.60"E - 75° 2'57.69"E
General ground level	502m MSL
Nearest National/ State Highway	NH-79- 0.50km - E
Nearest Railway Station	Ratlam - 2.50km - S
Nearest Airport	Indore – 105km
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
Reserved / Protected Forest within 10km radius	None within 10km radius
Nearest major city with 100000 population	Ratlam
Nearest Town / City within 10km radius	Ratlam
Surrounding village within 1 km area of the project	Dosigaon – 0.50km - E

Nearest village	Dosigaon – 0.50km - E
Nearest River	None
Nearest Lake/ Ponds	Sajjan Mill Talab – 3.25km – SW Amirt Sagar Talab- 5.50km – S Local Nalla – 3.50km - SSE
Nearest Hill Ranges	None within 10km radius
Elevation	499m to 503m MSL
Other Industries within 10km Radius	Dosigaon Industrial area

Air Pollution control Measures

S. No.	Stack Attached to	Stack Height (m)
1	Boilers / FO 0.85 TPH	30
2	DG Set 500 kVA	11

Stack Attached to	Stack Height in m
Boiler	30.0
DG set	11
Scrubber	4
Scrubber	4

WATER BALANCE

Sr. No.	Category	Water Consumption, (KL/day)	Wastewater Generation, (KL/day)
1	Domestic	10.0	13.0
2	Gardening	5.0	0.0
3	Industrial		
i	Process+ Purified water	70	35.0
ii	Boiler	5.0	0.4
iii	Cooling Tower	10.0	--
v	Utensil washing	10.0	2.0
vi	Softner /MEE/DM plant	-	0.5
vii	R&D/QC	0.5	0.5
viii	Other/ scrubber	10.0	0.5

Ix	RO reject	-	
x	Process High COD	-	20.0
Total Industrial		105	71.9 KL
Total (1+2+3)		120.5	
Recycle*		20	
Actual fresh water requirement		100.5	

Waste Water Generation Details

Sr. No.	Particular / Area	Wastewater Generation (KL/day)	Treatment method	Recycled Qty Zero Discharge (KL)
1	Domestic (Toilets & Canteen)	13.0	-	Soak pit
2	Process (low COD/TDS)	35.0	ETP+ RO	9 Boiler feed
	Boiler Blow down	0.4		5 floor wash
	Utensil washing	2.0		2.5 evaporation loss in Process
	Scrubber	0.5		
	R&D /QC	0.5		
	Softner/MEE/DM plant	0.5		
	Total	51.9		
3	Process (high COD/TDS)	20	Stripper MEE/ATFD	Cooling tower make-up 3.0 KL
	RO Reject	-		Losses 3.15 KL & 0.85 solvent condensate tank
				0.5 Utility washing
Total		71.9		71.9

- Storm water drainage system shall be developed and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site
- The entire trade effluent will be divided into two streams i.e. Stream-I (high concentrated streams) and Stream-II (low concentrated stream). Both the streams will be treated in well-designed ETP, RO and MEE.
- Low COD /TDS wastewater (including process effluent, washing, blow downs from cooling towers, boiler, scrubber, Softener regeneration) will be sent to ETP followed by RO. Treated water will be reused.
- High COD / TDS wastewater (consisting process effluent & RO reject) will be sent to MEE/ATFD. Condensate will be reused and bottom salt will be sent to a common TSDF site.
- Utilization of treated wastewater in toilet flushing, greenbelt development and dust suppression

- A drain along the boundary wall shall be made, which will be connected proposed settling tank to protect the flow of contaminant towards nearby area
- Recycling of 20 KLD water is proposed which ultimately reduces the fresh water demand.
- DWPL will install Multi Effective Evaporator, with treatment capacity of 10 KL/Day. The treated water will be used for cooling towers, floor washing and gardening/green belt. Following are the EMP planned for proposed activities of the plant
- Storm water drainage system will be developed for unit and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site.
- Blow downs from cooling towers, boiler, ACF/MGF Cleaning, Softener regeneration, Vacuum pump will go to ETP
- Water harvesting structure need to provide further strength with proper maintenance
- ZERO effluent discharge has been implemented, and after expansion, the same shall be maintained.

Sr.	Hazardous Waste Type	Category	Source	Quantity (TPA)	Disposal method
1	Spent/Used Oil	5.1	DG Set	2 kl	Collection storage and Sold to MPPCB Authorized Re-processor / Recycler
2	Oil & Grease	5.2	Plant/Machinery /Gearbox	2	Collection storage and Sold to MPPCB Authorized Re-processor / Recycler
3	Distillation Residue	50	Solvent Distillation	205	Sent to Common TSDF Ramky for Incineration
4	Other Solid Waster (Tissue Paper, hand Gloves, Butter Paper, used Poly Bags)	10	Manufacturing Process	10	Send to MPWMP Ramkey for disposal
5	Spent Mother Liquor	10	Manufacturing Process	10	Sale to Authorized Re-processor or Recycler
6	Spent Carbon and hyflow	30	Manufacturing Process	70	Deactivate, Washed and send to Recycler or Common TSDF Ramkey
7	Date Expired Products & out Off Specifications Drugs	-	Manufacturing Process	-	Send to MPWMP Ramkey for dispose or Incinerations
8	Spent Solvent	50	Manufacturing Process	105	Distillation & Reuse or Sale to Authorized Re-processor or Recycler.
9	Discarded Containers	33.3	Manufacturing Process	5	To Authorized Re-processor / Recycler

After presentation and discussion PP was asked to submit following revised details:

- Regarding capacity of ETP vis to vis generation of waste water.
- Justification for monitoring data shown as nil value in Form-2.

- Justification for water Table mentioned as 45 mtr to 45 mtrs and 55 mtrs to 55 mtrs in form—2
- Justification because in PFR it is shown that domestic waste water will be treated through septic tank and soak pit system while STP has been mentioned in form-2 for treatment of domestic waste water.
- Revised table of hazardous waste generation and management from the project proposal.
- Clarification wrt source of water mentioned as tanker water supply
- MSDS of all chemicals proposed in the unit.
- The PFR, other intermediate has been mentioned the table of production. Provide the details of other intermediate.
- Commitment regarding the provision of additional green belt with 250 numbers at along the road of area.
- Commitment regarding solvent recover percentage shall be maintained as 92 to 95%

PP vide letter dated 26.11.2020 submitted 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 Project of Manufacturing Of Bulk Drug & Intermediates (1600 TPA) By M/S. D.P Wellness Pvt. Limited, At Plot No. 26/3,29, Dosigaon Industrial Area Ratlam (MP) under . Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project subject to the following special conditions

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (if applicable). The

gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

4. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
5. The DG sets (1 X 500 KVA-Proposed) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
7. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The High COD/TDS process effluent (20 KLD) and RO Reject will be treated through MEE/ ATFD. The MEE condensates will be recycled/ reused and MEE bottom will be sent to TSDF site
4. The Low COD/TDS effluent, [35KLD)] will be treated in an on-site ETP of 80 KLD followed by RO system.
5. The treated effluent will be reused/ recycled and the RO reject will be sent MEE/ATFD as stated above. Total recycled water will be 20 KLD
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Total fresh water requirement shall not exceed 100.5 KLD and Tanker water supply shall be used
9. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
10. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
11. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG (500 KVA) set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 500 KVA . The power will be supplied by Madhya Pradesh Electricity Board. FO (850 kg/hr) will be used in boiler of 0.85 TPH

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. As proposed, 92-95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
3. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.
4. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.

11. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
12. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
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16. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. The green belt of 5-10 m width shall be developed 7900 sq. meter within and periphery of plant (1600 no), in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed 1600 no of plants in one years shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water,

medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP

1. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
4. The proposed EMP cost is Rs. 144.30 Lakhs as capital and 21.72 +30 Lakhs /year as recurring cost.
5. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
6. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing (if applicable) and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
4. **Case No. – 6282/2019 M/s Narmada Minerals, Shri Shushil Rai, 33, Swastik Sadar Bazar, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (39,049 cum per annum) (Khasra No. 364), Village - Chandbad Kadeem, Tehsil - Berasia, Dist. Bhopal (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 364), Village - Chandbad Kadeem, Tehsil - Berasia, Dist. Bhopal (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, 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 letter No. 2588 dated: 29/12/15 has reported that there are 05 more mine operating or proposed within 500 meters around the said mine with total area of 18.279 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 375th SEAC meeting dated 29/06/19 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 04/11/2020 which was forwarded through SEIAA vide letter no. 4874 dated 17/11/2020, which was placed before the committee.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. However, PP vide letter dated 25/11/2020 has informed that due to unavoidable circumstances they are not able to attend this meeting and requested to provide next date for presentation. Committee considering the request of PP, decided to call the PP in subsequent meetings.

5. **Case No. – 7044/2020 Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 20, Mandleshwar, Dist. Khargone, (M.P.). Prior Environment Clearance for ISP - Kalisindh Micro Lift Irrigation Scheme Phase II at Tehsil - Punasa, Dist. Khandwa (M.P.). GCA-1,37177 Ha., CCA 1,00,000 to 1,10,000 ha. (No. of benefited villages 175 to 265). Cat. 1(c) River Valley Project. FoR – Ammended ToR.**

The Executive Summary of the project:

The main objective of ISP – Kalisindh Link Project Phase – II is to provide irrigation facilities to the water-scare areas in upper reaches of Chambal Basin where the level of irrigation is much less as compare to that of national average. The project has been conceived to cater irrigation water to about 1,00,000 Ha of CCA in Rajgarh and Shajapur districts (Madhya Pradesh). The lifting point is located on Indira Sagar Project reservoir in district Khandwa; , lifting point, pump houses and rising main lie in Khandwa, Dewas and Sehore districts while the command area lie in Rajgarh and Shajapur districts.

175 villages of Rajgarh and Shajapur districts will be benefitted as per details given below.

S. No.	District	Tehsil	Total Number of Villages
1	Rajgarh	Sarangpur	39
2	Shajapur	Shujalpurand Shajapur	34+102=136
TOTAL			175

Execution of ISP Kalisindh Phase II Micro Lift Irrigation Project of M.P. comprising of-

1. Lifting of 32.04 cumecs water from Indira Sagar Project reservoir to supply for irrigation in 1,00,000 Ha CCA.
2. Construction of Pumping Stations with Pumps including substation, transformer and all electrical works and Control Room with SCADA.
3. Laying of Rising Mains / Gravity Mains including intermediary structures.
4. Erection of Electric Line of suitable voltage and power as may be required.
5. Construction of underground piped main canals/ major/minor distributaries and disnet for Micro irrigation up to 2.5 ha. chak including inline structures & other

miscellaneous works.

6. Power requirement for the entire project shall not exceed 140.169 MW for first 15 years of operation.

Salient Features

Name of the Project	:	ISP Kalisindh Phase II Micro Lift Irrigation Scheme
Type of Project	:	Irrigation Project
Project Location		
i) Supply Source	:	Indira Sagar Project Reservoir
ii) Lifting Point	:	Indira Sagar Reservoir in district Khandwa
iv) Command	:	In Rajgarh & Shajapur districts
River Basin		
a) Name		
i) Lifting	:	Narmada Basin Kalisindh, Chhoti Kalisindh & Newaj
ii) Command	:	Sub basin of Chambal Basin
b) Located in	:	Madhya Pradesh
Access to the Project		
Nearest Airport	:	Devi Ahilya Airport, Indore (M.P.)
Nearest Rail Head (BG)	:	Khandwa; and is i) 70 km from Indira Sagar Project ii) 90 km from Lifting Point iii) 130 km from Junction Structure delivery point
Interstate aspects of the project		
Catchment area of the basin	:	It is a lift scheme hence no independent catchment is being harnessed
Submergence due to project	:	No submergence due to project, as it is a lift irrigation scheme
Water allocation for the State	:	Quantum of water being lifted for this project is included in the water share of M.P. as per NWDT award
Water allocation for other state	:	Not applicable
Irrigation		
Gross Command Area (GCA)	:	1,86,163 ha
Culturable Command Area (CCA)	:	1,00,000 ha
Crop	:	Rabi - 100% (1,00,000 ha)
Water Utilization		
Discharge	:	32.04 cumec
Estimated life of the project	:	50 Years

Pump Head	:	Total head – 287 m
Distribution system	:	Piped distribution up to 2.5 Ha (HDPE/MS Pipe)
Power Requirement	:	140.169 MW
Cost	:	Rs. 4407.52 Crore
B. C. Ratio	:	1.60

Proximity to Protected Areas

There is no protected area within 10 Km of the project location. Kheoni Wildlife Sanctuary's ESZ boundary is at about 55Km from lifting point and underground rising main will pass at a distance of 24 km. Ralamandal WLS is at about 70Km from lifting point and underground rising main will pass at a distance of 60 km.

Land requirement

The entire micro irrigation system has been aligned in such a way, that it passes through minimum forest area. However, for laying of Rising mains, Gravity mains, transmission line and establishing pump houses approximate 108.36 ha of forest land shall be required. Process of diversion of forest land shall be initiated soon. For construction of pumping stations and rising mains, private land of about 4 ha shall be required.

The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work. Wherever, the pipeline/ transmission line will be pass through private land, temporary land acquisition will be done as per the applicable law. Total temporary land requirement is worked out as 3800 ha.

The case was presented by and their consultant through video conferencing for issuing of TOR to carryout EIA studies with site specific details. PP stated that as per MOEF notification Part II Section – 3(II) dated 1.12.2009 SO 3067 (E) page no 18 under V 'those irrigation projects which are not involving submergence or inter-state domain shall be appraised at state level Category "B" project' and hence shall be appraised by SEIAA/SEAC Madhya Pradesh.

PP stated that In ISP Kalisindh Phase II Micro Lift Irrigation Scheme, water will be lifted from ISP Reservoir near village Banka Palas (Tehsil Punasa) and distributed by pipeline to meet irrigation water requirement for 1,00,000 ha (CCA). 175 villages of Rajgarh and Shajapur districts will be benefitted. Project is designed for a discharge of 32.04 cumec. Lifting location is ISP reservoir in Khandwa district, RM route passes through Khandwa, Dewas and Sehore district command area is in Rajgarh and Shajapur districts.

PP further stated that there is no protected area within 10 Km of the project location, Kheoni ESZ boundary is at about 55KMs from lifting point and rising main will pass at a distance of 24 km. Ralamandal WLS is at about 70 KMs from lifting point and rising main will pass at a distance of 60 KMs. For laying of rising mains appx. 108.36 ha. of forest land shall be required. Survey was initiated but could not proceed due to Lock Down. For construction of pump houses and Distribution chambers, private land of about 12 ha. shall be required; we shall do best effort to ensure that these are located on government land; however, if any permanent private land requirement cannot be avoided, R&R details will be provided in EIA report. In private or Govt. land the pipe shall be laid 1.00 m below average ground level hence no land for pipes shall be acquired permanently and temporary land acquisition will be done as per the applicable act. About 3800 ha.private will be required temporarily.

Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

- Since project involves 108.36 ha., forest area, F.C. clearance has to be obtained by PP and copy of the same should be submitted with EIA report.
- Bifurcation of RF and PF details.
- The total temporary land requirement is worked out as 12.0 ha. and 3800 ha.private land if any issue involved to R&R, to be elaborated in EIA with proper provisions issued by various State /central Government orders/ notification.
- For baseline data – one month monsoon monitoring to be done.
- Muck management plan shall be submitted with EIA report.
- Incorporate awareness/ training activities including of distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

ToR in 437th SEAC Meeting dated 01/06/2020. ToR letter issued vide letter No. 281 dated 23 /06 /2020. ToR Valid up to 31/05/2024.

PP has submitted the Ammended ToR application vide letter dated 16/10/2020 which was forwarded through SEIAA vide letter no. 4882 dated 17/11/2020.

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

6. Case No. - 5633/2018 Executive Engineer, Narmada Development Division No. 18, Damkheda Colony, Khargone, (M.P.) 451001. Prior Environment Clearance for Pipari Lift Micro Irrigation Scheme, Supply Source Lifting Point: Indira Sagar Main Canal from R.D. – 117.5 km. Near Village- Kondapur, at Village Kondapur, Distt. – Khargone (M.P.) Distribution Point Pokharkhurd, CCA – 7000 To 17000 ha. GCA- 9000- 29508 ha., Khasra No. 4605/4609/55 B2. (Total 61 Villages of Khargone district will be benefited) Lifting Point is at ISP Canal 117.5 to 118.5 (Lifting point will be shifted 1 km downstream). Cat. - 1(c) River Valley Project. For – Ammended ToR. Env. Consultant: Env. Con. R.S. Enviro, Gurgaon.

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

Earlier this case was scheduled for presentation and discussion in 307th SEAC meeting dated 23/02/18 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 04/11/2020 which was forwarded through SEIAA vide letter no. 4874 dated 17/11/2020, which was placed before the committee.

TOR recommended in 307 SEAC meeting dated 23-02-18. TOR approved in 472 SEIAA meeting dated 14-03-18.

PP has submitted the Ammended ToR application vide letter dated 29/10/2020 which was forwarded through SEIAA vide letter no. 4876 dated 17/11/2020.

The case was presented by PP and their consultant wherein PP submitted that they have applied for TOR amendment as the CCA has increased from 7000 ha to 17,000 ha and GCA has also increased from 9000 ha to 29,508 ha. With this increase, the benefitted number of villagers will also be increased from 16 to 61. PP further submitted that no forest area is involved in the project thus FC clearance is not required. The committee after deliberations decided to recommend amendment in TOR for conducting the EIA study along with CCA from 7000 ha to 17,000 ha and GCA 9,000 ha to 29,508 ha. The other conditions will remain the same as per TOR recommended in 307 SEAC meeting dated 23-02-18.

7. Case No 7604/2020 M/s Bhagchand Sancheti, Ward No. 7, Nehru Chowk, Waraseoni, Dist. Balaghat, MP - 481331 Prior Environment Clearance for Dolomite Mine in an area of 7.713 ha. (50,000 tonne per annum) (Khasra No. 250/1, 250/3, 251), Village - Ambejhari, Tehsil - Tirodi, Dist. Balaghat (MP). Environmental Consultant: M/s Creative Enviro Services, Bhopal.

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 250/1, 250/3, 251), Village - Ambejhari, Tehsil - Tirodi, Dist. Balaghat (MP) 7.713 Ha. The project requires prior EC before commencement of any activity at site.

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. Committee decided to call the PP in subsequent meetings to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation in 458th SEAC meeting dated 22/09/2020 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 the presentation in this meeting but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 458th SEAC meeting dated 22/09/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. Case No. – 6663/2019 Smt. Kalpana Jain W/o Shri Sharad Kumar, Village - Salaiya, Tehsil - Badwara, Dist. Katni, MP Prior Environment Clearance for Dolomite Mine in an area of 3.92 ha. (20,170 tonne per annum) (Khasra No. 402, 412, 413), Village - Salaiya, Tehsil - Barwara, Dist. Katni, (MP).

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 402, 412, 413, Village - Salaiya, Tehsil -

Barwara, Dist. Katni, (MP) 3.92 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 letter No. 1477 dated: 08/04/19 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine total area of 20.93 ha., including this mine.

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 415th SEAC meeting dated 07/01/2020 and in 409th SEAC meeting dated 28/11/2019. 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.

PP vide letter dated 27/8/20 which was forwarded by the SEIAA vide no. 3706 dated 16/10/20 has requested to relist the case as due to some unavoidable circumstances he could not able to present the case SEIAA considered the request of PP and decided to relist the case.

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

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant wherein it was observed by the committee that some trees are within the lease area for which PP submitted that area occupied by trees will be left as non mining area. It being a case of minor minerals where

the cluster area is > 20.00 ha., committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Inventory of trees shall be submitted with EIA report with their management plan.
2. Top soil management plan be discussed in the EIA report.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.

9. Case No. - 5582/2017 Shri Sandeep Kumar Bansal, PO - Jaitwara, Dist. Satna, MP – 485221. Prior Environment Clearance for White Clay Mine in an area of 16.187 Ha. (25,000 TPA) (Khasra no. 489P) at Village- Paldev, Tehsil - Majhgawan, Dist. Satna (MP). (EMP)

This is case of White Clay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is 16.187 Ha located (Khasra no. 489P) at Village- Paldev, Tehsil - Majhgawan, Dist. Satna (MP). 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 DFO. Concerned Mining Officer vide letter no.606 dated: 25/02/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in the 296th SEAC meeting dated 07/11/2017. The committee after presentation decided that PP should submit a comprehensive EMP through QCI/NABET accredited consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. One month monitoring should be carried out for air, water and noise pollutants. Monitoring on atleast 06 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. Villages such as paldeo, Naubasta, Muradpur and one school should also be selected in monitoring locations.
- c. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.
- d. Existing scenario of site should be discussed in the EMP in detail.
- e. EMP should be supplemented by the recent photographs of the site.

- f. Details of existing facilities and machineries available on site should be discussed in the EMP.
- g. Any alternate route avoiding the nearby habitations.
- h. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
- i. Land use plan should be plotted on the map.
- j. Depiction in the lay out map of location of retaining wall which are proposed in the ultimate pit limit.
- k. CSR activity in the nearby villages.
- l. Occupational health survey in the nearby villages which are falling within one KM periphery of the M. L. area.
- m. Revised proposal of proposed Environmental Management Cell with proper sub-ordinate staff.

PP vide letter dated 04/06/2018 has submitted the comprehensive EMP, which was placed before the committee.

The case was scheduled for the EMP presentation during presentation and perusal of the documents it was observed that a complaint is received for this project which was forwarded by SEIAA vide letter no. 1616/SEIAA/18 dated 03/02/2018 wherein Sarpanch, Sachiv and some villagers, Gram Panchayat-Paldeo has stated that the hillock where mining is proposed plantation was carried out under Rozgar Guarantee Scheme about 15 years back and now these plants are fully grown up and they have also raised this issue to the higher authority and EC of this case was withheld in MoEF&CC. On perusal of the above complaint committee decided that PP may provide the complete chronology till date of the case wrt EC as mining lease was sanctioned in 2004, why EC was not issued by the MoEF&CC when presented their two years back, inventory of trees existing on the lease area and needs to be uprooted with scheme of compulsorily plantation and details of the expenditure made under Rozgar Guarantee Scheme about 15 years back for carrying out plantation through competent district authority for further consideration of the project.

Case Delisting recommended in 340th SEAC meeting dated 30-01-19. Case delisted in 523rd SEIAA meeting dated 15-09-20. Case relisted and send to SEAC in 635th SEIAA meeting dated 01-09-20. Case relisted and send to SEAC vide letter no. 3588/SEIAA/20 dated 14-10-20. Case Relist in 635th SEIAA Meeting dated 01/9/2020.

PP has submitted point-wise query reply and desired information vide letter dated 29/8/20 with request to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, SEIAA decided to relist the case and sent the technical file to SEAC for an appraisal.

The case was scheduled for the presentation in 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.

10. Case No 7868/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (45000 cum per annum) (Khasra No. 803), Village - Guradiyagond, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 803), Village - Guradiyagond, Tehsil - Sitamau, Dist. Mandsaur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 1641 dated: 23.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that some trees are in existence on the river bed for which PP submitted that the lease is located on the tributary of Chambal River and area occupied by

the trees will not be mined out and will be left as non mining area. PP further submitted that they have revised the replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 45,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 05.99 Lakh as capital and Rs 5.16 Lakh/year as recurring are proposed by PP.

11. Case No 7870/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 3.68 ha. (29700 cum per annum) (Khasra No. 40, 105, 210), Village - Shakkarkhedi, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at) (Khasra No. 40, 105, 210), Village - Shakkarkhedi, Tehsil - Sitamau, Dist. Mandsaur (MP) 3.68 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 (Praman-Patr) letter no. 1640 dated: 23.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was submitted by PP that the lease is located on the tributary of Chambal River. PP further submitted that they have revised the replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 29,700 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 08.67 Lakh as capital and Rs 07.91 Lakh/year as recurring are proposed by PP.

12. Case No 7871/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 4.50 ha. (30000 cum per annum) (Khasra No. 57), Village - Khaikheda, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at) (Khasra No. 57), Village - Khaikheda, Tehsil - Sitamau, Dist. Mandsaur (MP) 4.50 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 (Praman-Patr) letter no. 1633 dated: 23.5.20

has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was submitted by PP that the lease is located on Chambal River. PP further submitted that they have revised the replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 09.90 Lakh as capital and Rs 09.46 Lakh/year as recurring are proposed by PP.

13. Case No 7872/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 4.50 ha. (30000 cum per annum) (Khasra No. 4), Village - Ranayara, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at) (Khasra No. 4), Village - Ranayara, Tehsil - Sitamau, Dist.

Mandsaur (MP) 4.50 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 (Praman-Patr) letter no. 1642 dated: 23.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was submitted by PP that the lease is located on Shivna River which is tributary of Chambal River. PP further submitted that they have revised the replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 09.94 Lakh as capital and Rs 09.01 Lakh/year as recurring are proposed by PP.

14. Case No 7873/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (30600 cum per annum) (Khasra No. 243), Village - Shakkarkhedi Jagir, Tehsil - Sitamau, Dist. Mandsaur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 243, Village - Shakkarkhedi Jagir, Tehsil - Sitamau, Dist. Mandsaur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 1638 dated: 23.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that some trees (approx. 10) are in existence on the river bed for which PP submitted that the lease is located on the Chambal River and area occupied by the trees will not be mined out and will be left as non mining area. PP further submitted that they have revised the replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 30,600 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 09.15 Lakh as capital and Rs 08.71 Lakh/year as recurring are proposed by PP.

15. Case No 7874/2020 M/s Maa Bhagwati Construction, Shri Govind Singh S/o Shri Dule Singh, Proprietor, 23, Tilgari, Tehsil - Shamgarh, Dist. Shamgarh, UP, Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (30600 cum per annum) (Khasra No. 1), Village - Aranyagond, Tehsil - Sitamau, Dist. Mandsaur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 1, Village - Aranyagond, Tehsil - Sitamau, Dist. Mandsaur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 1639 dated: 23.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the lease is located on Chambal River. It was further observed by the committee that a seasonal drain is crossing the lease and same shall not be mined out and a safe non mining zone shall be left. PP further submitted that they have revised the

replenishment study and copy of approved replenishment study is submitted in SEAC on 25/11/2020. After presentation the committee asked to submit following details:

- Revised plan leaving non mining zone for seasonal drain crossing the lease.
- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 26.11.2020, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the area left as non mining zone due to seasonal drain, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 30,600 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 09.15 Lakh as capital and Rs 08.71 Lakh/year as recurring are proposed by PP.

16. Case No 7875/2020 Shri Trilok Patel S/o Shri Madhusudan Patel, Village - Maharajkhedi Balkhad, Tehsil - Kasrawad, Dist. Khargone, MP - 451228 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (5000 cum per annum) (Khasra No. 253), Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 253, Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 3374 dated: 01.10.2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 04 ha. including this mine.

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 the presentation in this meeting but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 465th SEAC meeting dated 07/11/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

17. Case No 7881/2020 Shri Santosh Kumar Jain S/o Shri Rajendra Kumar Jain, R/o Shastri Ward, Tehsil & Dist. Sagar, MP, Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5226 cum per annum) (Khasra No. 285/1), Village - Guda, Tehsil - Sagar, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 285/1, Village - Guda, Tehsil - Sagar, Dist. Sagar (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 176 dated: 05.03.2020 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.15 ha., including this mine.

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 presented by the PP and their consultant wherein during scrutiny of the case file it was observed by the committee that incomplete mine plan is attached with case file and many papers are stapled and attached with the case file replacing other papers which

makes the content of file doubtful. The committees after deliberation decided that PP may submit fresh set of papers with complete mine plan through SEIAA and a copy to SEAC for further appraisal of case.

18. Case No. – 6055/2019 Shri Narayan Dodwe, Village - Bilda, Tehsil - Gandhawani, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (9,700 cum per annum) (Khasra No. 245/1), Village - Blida, Tehsil - Gandhwani, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 245/1, Village - Blida, Tehsil - Gandhwani, Dist. Dhar (MP) 1.50 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 Office vide letter no. 2381 dated: 29/09/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 359th SEAC meeting dated 10/04/2019. PP stated that crusher is proposed within the lease. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
Pakka Road	>200	West	--
Settlement/ habitation	>130	West	Three row plantation towards village side.
Natural drain	Originating from the lease	within the lease	Setback of 50 meters with garland drain & settling tanks

After presentation the committee asked to submit following details:

- Commitment from PP to leave setback of 50 meters either side of the natural drain within the ML area.

- Revised EMP includes cost of garland drain, settling tanks & wire fencing.
- Revised CER include proposal for water filter, Book Library and sports kit for the school in the affected village.

This case was discussed before committee as PP was informed to submit above information vide letter no 457 dated 30/07/2019 and reminder was also sent to the PP vide letter no. 633 dated 11/09/2019. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.

PP vide letter dated 22/9/20 which was forwarded by the SEIAA vide no. 3940 dated 19/10/2020 has requested to relist the case as due to some unavoidable circumstances he could not able to present the case SEIAA considered the request of PP and decided to relist the case.

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 query reply presentation was made by the PP and their consultant which was found satisfactory and acceptable. 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 of Stone as per mine plan with quantity not exceeding 9,700 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 08.98 Lakh as capital and Rs 04.34 Lakh/year as recurring are proposed by PP.

19. Case No 7640/2020 Shri Amit Mishra S/o Shri Ramesh Mishra, R/o Krishnaganj Ward, Tehsil & Dist. Sagar, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (9300 cum per annum) (Khasra No. 115), Village - Arjuni, Tehsil - Sagar, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 115, Village - Arjuni, Tehsil - Sagar, Dist.

Sagar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 269 dated: 02/07/20 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant wherein during appraisal of case it was observed by the committee that the mine plan attached with the case file is not approved by the competent authority and not even signed by the RQP thus in the absence of approved mine plan case cannot be appraised. Committee after deliberations decided that PP may be asked to submit duly approved mine plan through SEIAA and case file may be sent to SEIAA for onward necessary action.

PP vide letter dated nil , submitted query reply asked by SEAC 460th meeting dated 24.09.2020, which was received at SEIAA on dated 01.10.2020, the same forwarded by the SEIAA vide no. 4194 dated 24/10/20 for further consideration.

The case was scheduled for the presentation in 465th SEAC meeting dated 07/11/2020 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 the presentation in this meeting but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 465th SEAC meeting dated 07/11/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

20. Case No. - 7367/2020 Shri Sunil Kumar Gupta S/o Shri Sharda Prasad Gupta, Village - Lalatola, Post - Beldongari, Teh - Pushprajgarh, Dist. -Anuppur, (M.P.) - 484881, Prior Environment Clearance for Stone Quarry in an area of 1.91 ha. (30000 cum per annum) (Khasra No. 192) at Village- Saraipatera (Bhaisantola), Tehsil- Pushprajgarh, District- Anuppur (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 192) at Village- Saraipatera (Bhaisantola), Tehsil- Pushprajgarh, District- Anuppur (MP) 1.91 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 letter no. 709 dated 21/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 SEAC meeting 450th SEAC meeting dated 13-08-20 and 449nd meeting dated 24/07/2020. 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.

Case Delisting recommended in 453rd SEAC meeting dated 28-08-20. Case delisted in 637th SEIAA meeting dated 15-09-20. Case relisted and sends to SEAC in 640th SEIAA meeting dated 01-10-20 vide letter no. 4679-80/SEIAA/20 dated 29-10-20.

The case was scheduled for the presentation in this meeting but again 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. The committee decided to call PP in subsequent meetings of SEAC.

21. Case No. – 6399/2019 Shri Anand Asharma, S/o Shri Rajendra Kumar Asharma, Subhash Chowk, Narsingharh, Dist. - Rajgarh, (M.P.) - 465669, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (15117 cumper annum) (Khasra No. 904/13/1 Part), Village - Lakhanwas, Tehsil - Biaora, Dist. - Rajgarh (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 904/13/1 Part), Village - Lakhanwas, Tehsil - Biaora, Dist. Rajgarh (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, 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 letter No. 738 dated: 29/05/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 389th SEAC meeting and 392nd SEAC meeting. 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.

Case delisting recommended in 397th SEAC meeting dated 03-10-19. Case delisted in 576th SEIAA meeting dated 21-10-19. Case delisted vide letter no. 3068-69/SEIAA/19 dated 08-11-19. Case relisted and sends to SEAC in 640th SEIAA meeting dated 01-10-20 vide letter no. 4796-97/SEIAA/20 dated 04-11-20.

The case was presented by the PP and their consultant wherein it was observed that a pucca road is in existence on the SW side of the lease at a distance of approx. 120 meters. During discussion it was also observed that the lease is < 10.00 kms of Abhayaran and PP was asked to justify as ESZ is notified with revised EMP as suggested by Committee. PP submitted the reply vide letter dated 26/11/2020 which was placed before the committee and 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 of Stone as per mine plan with quantity not exceeding 15,117 cum/year.

2. A budgetary provision for Environmental management Plan of Rs. 07.28 Lakh as capital and Rs 02.99 Lakh/year as recurring are proposed by PP.

22. Delisting of TOR as their validity has expired & PP has not submitted desired information/EIA report.

TOR was issued to the following case and till date neither the EIA nor any request for TOR validity extension has received from PP and the validity of TOR has been expired. Hence, committee after deliberations decided that these following cases may be sent to SEIAA for delisting:

SN	Case No. Activity	SEAC Meeting details	Reason for delisting
1.	Case No. - 5493/2017 M/s Bhopal Incinerators Ltd, 6/5, Sector-H, Industrial Area, Govindpura, Bhopal, (M.P.) Prior Environment Clearance for Bhopal Incinerators Ltd. at 6/5, Sector-H, Industrial Area, Govindpura, Bhopal, (M.P.) Capacity – 1200 KG/day ha. Cat. 7(da) Common Hazardous Waste Treatment Storage and disposal facilities (TSDFs) (SIA/(M.P.)/MIS/16753/2016).	<i>TOR recommended in 298th SEAC meeting dated 17/11/2017. TOR issued vide letter no. 542-43 dated 13-12-2017.</i>	<i>ToR Valid was up to 16/11/2020. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.</i>

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. 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.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.

14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.
16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.

3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys 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.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring 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.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.

19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. 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.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. 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.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.

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 mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. 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.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining

activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”.

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. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. 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.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. 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.
12. 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.
13. Grant of TOR does not mean grant of EC.
14. 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. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. 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.
16. 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.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER 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 CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. 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.
22. 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.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.