The 518<sup>th</sup> meeting of the State Level Environment Impact Assessment Authority was convened on 05.01.2019 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Rakesh K. Shrivastava, Chairman, SEIAA. The following members attended the meeting:-

1 Shri R.K. Sharma

Member

2. Shri Jitendra Singh Raje

Member Secretary

#### A. Following other than mining cases and mining cases have been considered:-

S.No. Case No. Ca		Category	No. & date of latest SEAC & SEIAA meeting		
1.	5570/2017	5(f)	335 SEAC meeting dated 01.12.18.		
2.	5462/2016	1(a)	334 SEAC meeting dated 30-11-18		
3.	3231/2015	1(a)	333 SEAC meeting dated 29.11.18.		
4.	5778/2018	1(a)	336 SEAC meeting dated 04-12-18		
5.	5653/ 2018	1(a)	313 SEAC meeting dated 18- 04-18		
6.	5496/2017	7(da)	336 SEAC meeting dated 04.12.18.		
7.	5791/2018	8(a)	336 SEAC meeting dated 04-12-18		
8.	4002/2015	1(a)	336 SEAC meeting dated 04-12-18		
9.	5137/2016	1(a)	336 SEAC meeting dated 04-12-18		
10.	4379/2015	1(a)	336 SEAC meeting dated 04-12-18		
11.	4368/2015	1(a)	336 SEAC meeting dated 04-12-18		
12.	2726/2015	1(a)	336 SEAC meeting dated 04-12-18		
13.	5772/2018	1(c)	336 SEAC meeting dated 04-12-18		
14.	4125 /2016	1(a)	Corrigendum for production capacity.		

- Case No.5570/2017: Prior Environment Clearance for Expansion of API (Penems) & Intermediate Manufacturing facility at K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind, MP. Land area 10.928 Acres. Production Capcity- Existing: 71.4 TPA Proposed: 110 TPA by M/s Sun Pharmaceutical Industries Ltd, through General Manegar & Plant Head K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind (MP)- 477117 Email: pmbphosphate @ yahoo.com Telephone No. 07539- 406600 Mob: 888173173
- The proposed plant had started its operations since 1995 with name M/s Cardinal Drugs Ltd. for production of bulk drugs with valid EC with the production capacity approval of 71.4 TPA, as the company took over by M/s Ranbaxy limited in year 2006 & later at 2015 M/s Ranbaxy limited amalgamated with M/s Sun Pharmaceuticals Industries Limited.
- 2. Earlier prior Environmental Clearance was granted by MoEF & CC (F.No.J-11012/53/95-IA.II(I)),dated 09.11.95 to M/s Cardinal Drugs Ltd. for which PP has obtained the compliance of earlier EC conditions from the MoEF&CC vide letter dated 13/08/2018.As per compliance report the implementation of environmental safeguards are found satisfactory and some compliance needs improvements which are in progress.
- M/s Sun Pharmaceuticals Industries Limited has taken the 'Consent to Operate' for Air and Water from Madhya Pradesh Pollution Control Board with consent no. AW-45775, with validity up to 31/08/2017 along with the consent for the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008, with consent no. H-45451, Valid till 30/06/2021.

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(R.K. Sharma) Member

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- 4. Now M/s Sun Pharmaceuticals Industries Limited applying for the grant of EC with the present ownership name along with proposed expansion for production capacity of 110 TPA for API (Penems) & Intermediate manufacturing facility in the same plant.
- 5. The project is proposed for manufacturing of Intermediate & APIs-Penems, having a capacity of manufacturing of 110 TPA after proposed expansion of APIs (Penems). The existing & proposed products are as follows:

Product Name		Existing Capacity in TPA	Capacity after proposed expansion in TPA	
INT	TERMEDIATES		1 11 /2	
A.	Alpha Keto Easter	5	5	
B.	Bi-Cyclo Ketone	31.4	40	
C.	Enol Phosphate	20	20	
Sub Total		56.4	65	
AP	I (PENEMS)			
D.	Imipenem	5	5	
E.	Doripenem	2	5	
F.	Ertapenem	6	15	
G.	Faropenem/Maropenem and other carbapen	2	20	
Sub Total		15	45	
Total		71.4	110	

- The major facilities involved area Boiler, MEE, ATFD, Solvent recovery Plant, Solvent storage area, reactors, Cooling towers, Effluent treatment plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- The project is production of bulk drugs and Intermediates hence covered under 5 (f)
   Category-B of the Schedule of EIA Notification issued by the Ministry of Environment &
   Forests vice S.O.1533 (E) dtd.14.09.06 & its amendments.
- 8. There is no interstate boundary (PWD letter dtd. 09.10.13) within 05 km and no National Park / Sanctuary (DFO letter dtd. 13.11.13) within the 5 km of the project area hence the general conditions are not attracted.
- The project is located in notified Industrial area Ghirongi Industrial Area Malanpur Distt Bhind, hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- 10. The case was discussed in SEAC meetings 293<sup>rd</sup> dated 17.06.2017and 335<sup>th</sup> dtd. 01.12.18 is recommended for grant of prior EC subject to 63 special conditions.
- 11. After recommendation the case was discussed in 512<sup>nd</sup> SEIAA meeting dtd. 12.12.18 and decide to PP may call for presentation.
- 12. After deliberation the case was discussed in detail and recorded that :
  - i. The project occupies total plot area of 4.4225 ha (44225 sq.m.). The land for the proposed development is already under possession of Sun Pharmaceutical Industries Limited and is allotted by IIDC (Industrial Infrastructure Development Corporation), Gwalior. No additional land will be required for the purpose of expansion. Regarding

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land PP has submitted certified copy of the formal order dtd. 09.03.15 of the Hon'ble High Court of Punjab & Haryana along with approved scheme of arrangement between Ranbaxy Laboratories Ltd., Transferor company and Sun Pharmaceutical Industries Limited Transferee company and the schedule of assets of Ranbaxy to be transferred to Sun Pharma.

- ii. Total existing water requirement of the project is 119 KLD. After the proposed expansion, the total water requirement will be 160 KLD which will be met by IIDC (Industrial Infrastructure Development Corporation). For emergency purpose, 19 KLD of water shall be required which will be met from bore well. The company is authorized to use 100 KLD of surface water supplied by IIDC and 20 KLD from bore well thus the company is authorized to use 120 KLD water. PP has already applied to IIDC for the grant of extra 33% of water and for groundwater extraction has been applied to CGWB for their approval.
- iii. The existing wastewater generation from the project is 42.5 KLD. After proposed expansion, the total wastewater generation will be 78 KLD. The entire wastewater shall be treated in the 100 KLD capacities ETP and the treated water will be used for cooling towers, floor washing and gardening/green belt. The effluent management system is developed to ensure 'Zero Liquid Discharge'.
- iv. The raw materials will be procured from domestic sources as well as they will be imported. The transportation of raw materials will be carried out through trucks
- v. The project site has 2 DG Sets-one of 1250 kVA and one of 500kVA capacity and a Boiler of 2.5 TPH capacity. An additional boiler of 4 TPH will be installed under proposed expansion. The emission details are given below in Table;

Number of stacks	1	2	3	4 TPH Boiler
Stack attached to	1250 KVA DG set	500 kVA DG set	2.5 TPH boiler	
Fuel type	HSD	HSD	Furnace Oil	Furnace Oil
Emission rate in	n g/s (from each sou	ırce)		
SO <sub>2</sub>	0.34	0.13	2.66	4.2
NO <sub>2</sub>	2.22	1.02	0.47	0.75
CO	0.525	0.39	0.01	0.01

- vi. For control of fugitive emission PP has proposed as follows:
  - The project site have already installed adequate and efficient exhaust ventilation systems to remove fumes and dust concentration from work zone areas and plenum ventilation system to supply fresh air through High Efficiency Particulate Air (HEPA) filter to collect dust concentration inside work zone areas and high efficiency scrubbing system for neutralization of fumes inside the work zone areas.
  - Closed unloading, conveying and packing system are provided to prevent wind born dust.
  - Proper control of the operating parameters, mainly temperature, vacuums, cooling media circulation, during plant operation and solvent recovery.

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- Regular monitoring of VOC concentration in work zone
- Additional greenbelt will be developed around the plant to arrest the fugitive emission.
- vii. The total solid waste generation will be 57 kg per day, out of which, Domestic waste of 50 kg/day, horticulture waste of 0.64kg/day & street sweeping waste of 6.33kg/day will be generated at project site.
- viii. Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). M/s SUN Pharmaceutical Industries Ltd has taken the authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules, 2008 from MP PCB (valid till 30/06/2021). Company is also having the membership of authorized TSDF facility for the disposal of hazardous waste (valid till 31/03/18)
- ix. 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 900KVA on 33KV line & no additional power load will be required for proposed expansion as the company is running under load. In case of power failure, DG Sets of 1250 kVA and 500kVA shall be used as backup at the time of power failure.
- x. Roof top area for rainwater harvesting has been considered for administrative building only as the project involve manufacturing of various hazardous and non-hazardous chemicals. A total of 5 rainwater harvesting pits having diameter 2m and depth 4m has been proposed for the project.
- xi. PP has included disaster management plan, fire fighting plan on-site, off-site emergency plan in the EIA report.
- xii. The total area of the project is 4.4225 ha. An area of 1.5478 ha i.e. 35 % is developed as green area. Total 1253 tree species are planted within and around the project site. Approximately 100 additional trees will be planted in an area of 500 sq m as part of greenbelt development.
- xiii. The CSR Budget for the project is Rs. 34.13 Lakhs.
- xiv. The total cost of the project is Rs.112.4 Lakhs.

It was decided to accept the recommendations of 335<sup>th</sup> SEAC meeting dtd. 01.12.18 with 63 special conditions and grant Prior Environmental Clearance for proposed Expansion of API (Penems) & Intermediate Manufacturing facility at K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind, MP. Land area – 10.928 Acres. Production Capcity- Existing: 71.4 TPA Proposed: 110 TPA by M/s Sun Pharmaceutical Industries Ltd, through General Manegar & Plant Head K-5, 6, 7 & 10, Ghirongi Industrial Area, Malanpur, Dist. Bhind (MP)- 477117, subject to the following specific conditions:-

- PP should ensure the implementation of the observations of MOEF & CC RO, Bhopal report dtd 13.08.2018.
- The entire demand of fresh water should be met through IIDC water supply, if necessary withdrawl of ground water PP should obtain NOC from CGWA for withdrawl of ground water.

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#### 3. Waste water Management:

- (a) PP should maintain zero discharge from the Industry as proposed.
- (b) Separation of High & Low COD values effluent for better management of process effluent.
- (c) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.
- (d) There shall be no industrial effluent discharge from the unit.

#### 4. For Air Pollution:

- (a) PP should ensure air pollution control measures and stack height as proposed in the EIA/ EMP.
- (b) The performance of air pollution control system should be regularly monitored and maintained.
- (c) PP should ensure regular stack monitoring & ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (d) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.
- (e) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.
- (f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
- (g) High efficient four stage acid/alkali scrubber should be provided.
- (h) Transportation of raw material and finished goods should be carried out in covered trucks.
- (i) For control of fugitive emission and VOCs following steps should be followed:-
  - Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency will not be less than 98%.
  - Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
  - Closed handling system should be provided for chemicals.
  - System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
  - Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

#### 5. Hazardous Waste:

(a) PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.

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- (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- (c) PP should obtain renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Trans Boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtained for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.
- (e) PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
- (f) PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
- PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.

#### 7. Green Belt:

- (a) PP should ensure plantation as proposed in 35% of the total plot area and Approximately 100 additional trees as proposed should be planted in an area of 500 sq.m. Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc.
- (b) Every effort should be made to protect the existing trees on the plot.
- (c) Green area including thick green-belt shall be developed in the plot area to mitigate the effect of fugitive emissions all around the project area in consultation with the forest department as per the guidelines of CPCB.
- PP should ensure the implementation of CSR activities to the extent of Rs. 34.13
   Lakhs on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for skill development.
- PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
- 10. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- 11. All other conditions as laid in the earlier EC and the consents of MPPCB shall be applicable.
- 2. Case No.-5462/2016 Prior Environment Clearance for Limestone Mines (opencast other than fully mechanized method) in an area of 8.068 ha. for expansion production capacity from 1500 TPA to 1,67,200 TPA at Khasra no. 48, 177, 178, 179, 180, 181 at Village- Piprahat, Tehsil Maihar, Dist. Satna (MP) by Shri Prasenjit Singh, M/s Piprahat Linestone Mine, Vill. Piprahat, Teh. Maihar, Dist. Satna, MP.

(1) This is a project pertaining to mining of Limestone in MLA of 8.068 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more

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than 10 km from National Park /Sanctuary etc. The interstate boundary is not applicable as mining site falls in Village- Piprahat, Tehsil-Maihar, District- Satna, thus it is not attracted by the general conditions and falls under category 'B-1" by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease period of 20 Years (As per Mineral Resources Department Govt. of MP order dtd. 18.12.2002) with expansion production capacity from 1500 TPA to 1,67,200 TPA.

- (2) The mining lease was previously granted in the favor of Smt. Susheela Singh for periods of 20 years dated 18.12.2002 vide Govt. of Madhya Pradesh, Mineral Resource Dept. Mantralaya, Bhopal vide order no. 3-92/2001/12/2. Later on, this mining lease was transferred in the name of Shri Prasenjit Singh, M/s Piprahat Linestone Mine, vide State Government Order No. F-3-92/2001/12/1 dated on 09.07.2008. The Mining Plan has been approved by IBM (vide letter No. MP/Satna/ Limesteone/M.Sch.-27/2015-16/356 dtd. 27.01.2016).
- (3) PP has produced an order of the Mineral Resources Deptt. GoMP dtd. 03.09.2015 in which after hearing the case the State Govt. has established that action be taken according to the latest circular No. 19-5-2015/12/1 dtd. 12.03.2015, which states that "all mining leases granted before the commencement of the Mines & Minerals (Development & Regulation) Amendment Ordinance 2015 shall be deemed to have been granted for a period of fifty years
- (4) SEAC in its 334<sup>th</sup> SEAC meeting dtd 30.11.2018 has recommended the case with 34 special conditions for issuance of EC.
- (5) The case was then discussed in 512<sup>th</sup> SEIAA meeting dtd 12.12.2018 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (6) It was noted that the water requirement is 68 KLD (50 KLD Dust Supression + 10 KLD Green Belt + 3 KLD Drinking/Domestic purpose + 5 KLD Drilling) which shall be met from Existing mine pit and settling tank.
- (7) The proposed plantation programme was examined and it was found that 2.932 ha area 5575 sapling shall be covered under plantation at the end of conceptual period.
- (8) It was also noted that the Public Hearing was carried out on 12.10.2017 at Mine Parisar Village- Piprahat, Tehsil-Maihar, District- Satna under Chairmanship of ADM, Satna. The major comments of applicants during public hearing are employment of local people, development of village, paint in Primary School, Plantation on road side and regular health check-up of mine workers & water sprinkling to suppress the dust emission.

After detailed discussions and perusal of recommendations of 334<sup>rd</sup> SEAC meeting dtd 30.11.2018, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:

 Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with

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installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.

- II. Lease agreement shall be carried out before execution of mining operation.
- III. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- IV. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantations shall be carried out in the greenbelt area in current year with proper watering arrangement.
- V. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- VI. Before commencing the mining activity, site demarcation should be done leaving 100 m. including 7.5 m. barrier zone from pakka road as a "no mining zone" and it will be maintained as buffer zone. The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Satna.
- VII. PP will plant 3 years old 1250 saplings of suitable indigenous fast grow tree species like Neem, Peepal, Kadam, Karnj, Kachnaar etc. in barrier zone/no mining zone in current year.
- VIII. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- IX. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
- X. PP shall ensure generation of employment opportunities nearby Village on priority bases.
- XI. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
- XIII. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
- XIV. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XV. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
- XVI. PP shall ensure proper implementation of plantation, dust suppression, construction of approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.

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(R.K. Sharma) Member

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- XVII. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR.
  - a) Fund for training programme for women pertaining to cottage industry at nearby Piparhat, Sadera, Jhinra and Kaurandi Villages.
  - b) Need based support for school building repairing, toilets, fresh water supply etc. through Gram Panchayat/Gram Sabha at nearby Piparhat School, Piparhat, Sadera, Jhinra and Kaurandi Villages.
  - Health checkup camp with specific emphasis on respiratory system and other welfare activities for nearby villages Piparhat, Sadera and Kaurandi.
  - Financial support with execution of need base activities in consultation with the Gram Panchayat.

All the modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.

XVIII. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.

Hence, Prior Environmental Clearance is granted for Limestone Mines (opencast other than fully mechanized method) in an area of 8.068 ha. for expansion production capacity from 1500 TPA to 1,67,200 TPA at Khasra no. 48, 177, 178, 179, 180, 181 at Village- Piprahat, Tehsil - Maihar, Dist. Satna (MP) for the lease period to Shri Prasenjit Singh, M/s Piprahat Linestone Mine, Vill. Piprahat, Teh. Maihar, Dist. Satna, MP.

- 3. Case No. 3231/2015 Prior Environmental Clearance for Iron Ore Mine (Open cast manual/ semi mechanized method) in an area of11.56 ha. for production capacity of 24,000 TPA at khasra no.716/2kha, 3kha, 4kha, 5 kha,6, 7, 8, 9 total area of 1.07 ha Ownership GRFL., and khasra no. 716/ 2Th, 3Gh, 4Ga, 5Ga, 6 Ka, 7Ka, 8Ka, 9Ka total area 10.49 ha Ownership (RF 101) Reserved Forest Range & Division Katni at village Pahadi, Tehsil-Katni, District-Katni (MP) by M/s Ma Kali Iron & Steel Company Pvt. Ltd., Shri Sunil Vishwambharan, Director, 84, Makers Chambers-III, Nariman Point, Mumbai-400021
  - 1. This is a project pertaining to mining of Iron Ore Mine in MLA of 11.56 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National Park /Sanctuary etc. thus it is not attracted by the general conditions and falls under category 'B-1" by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease period upto 26.11.2028 with production capacity of 24,000 TPA.

 It was reported by the PP that the lease area was granted to M/s Ma Kali Iron & Steel Company Pvt. Ltd. for 20 Years (26.11.2008 to 26.11.2028) vide

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Letter.no.5/76/2008- M.IV dated 26.11.2008. This is a case of new mining Lease. The ML has been extended to 50 years in accordance with the MM (D&R) Amendment Act 2015 up to 26.11.2028 vide letter No.F 3-46/2005/12/2 dated 6.1.17. The Mining Plan with progressive mine closure plan has been approved by IBM,(Vide L.No. M.P /Katni/ Iron/ MPLN- G-32/08-09, dtd 10.06.2009.).

- SEAC in its 333th SEAC meeting dtd 29.11.2018 has recommended the case with 34 special conditions for issuance of EC.
- 4. The total lease area is 11.56 ha. Out of which 10.49 ha is a part of Reserved Forest Range & Division Katni & 1.07 ha is covered under Government Revenue Forest Land (G.R.F.L.). PP has obtained requisite Forest Clearance Stage I vide letter no. F-1/416/06/10-11/1125 dated 03/05/2014 and Forest Clearance Stage II, this was approved under section 2 (III) of Forest (Conservation) Act, 1980 vide letter 6-MPC 026/2009/Bho/009 dated 05.01.2017
- It was noted that as per ACCF Endt.L.No. 3218 Bhopal, dtd. 15.10.2013, the National Park/Sanctuary is not located within 10 Km., radius from the mining site. Hence, the General Conditions are not attracted.
- It was noted that the water requirement is 13.2 KLD (10 KLD for Dust Suppression + 2 KLD for Green Belt + 1.2 KLD for Domestic), which shall be met from Mine sump & Tankers (Purchased water).
- 7. The proposed plantation programme was examined and it was found that 12000 sapling of tree species covering an area of 4.09 ha shall be planted till the end of life of mine along with 200 trees will be planted on both side of the existing unpaved road (250 m) and 800 trees will be planted on both side of the existing tar road (4000 m).
- 8. It was also noted that the Public Hearing was carried out on 17.02.2017 at Mine Parisar Village Pahadi, under the Chairmanship of Upper Collector, Katni. The major comments of applicants during public hearing are water for irrigation, access on approach road, Controlled blasting, employment of local people, construction & maintenance of existing / approach road connecting the mine & main road, Plantation on road side, regular health check-up of mine workers & water sprinkling to suppress the dust emission.

After detailed discussions and perusal of recommendations of 333<sup>th</sup> SEAC meeting dated 29.11.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

 PP shall ensure to preserve thick greenery all around periphery of mining lease area and develop a green belt.

II. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with

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- installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- III. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- IV. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantations shall be carried out in the greenbelt area in current year with proper watering arrangement.
- V. Before commencing the mining activity, site demarcation should be done leaving 100 m. from human habitation and 50 m from both sides of road passes in mining lease area as a "no mining zone" and it will be maintained as buffer zone with plantation. The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Katni.
- VI. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
- VII. PP shall ensure to plant total 12000 saplings covering an area of 4.09 ha shall be planted till the end of life of mine along with 200 trees will be planted on both side of the existing unpaved road (250 m) and 800 trees will be planted on both side of the existing tar road (4000 m) as committed. PP will plant 3 years old 2000 trees samplings of suitable indigenous fast grow tree species (neem, amla, peepal, drumstick etc.) in barrier zone/no mining zone and non-minerable area along the transportation route during first year.
- VIII. PP shall ensure to construct and maintain approach road from the mine site. Plantation will be carried out on both side of the approach road. PP shall also ensure maintenance of existing pakka road in consultation with competent authority.
- IX. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- X. No overburden will be dumped outside the mine lease area.
- XI. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
- XII. PP shall ensure generation of employment opportunities nearby Village on priority bases.
- XIII. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XIV. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.

XV. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields

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- PP shall construct retaining wall and raise dense vegetation towards village XVI. habitation.
- Mining shall be limited to the area as shown in surface plan and as per the XVII. approved mining scheme.
- PP shall ensure the proper water supply arrangements for plantation XVIII. especially in summer season.
- PP shall ensure proper implementation of plantation, dust suppression, XIX. construction of approach road and maintenance of existing pakka road and tube well, retaining wall as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
- PP must ensure implementation of the following activities with separate budget XX. provision of Rs. 5.0 lakhs should be kept under CSR:
  - a) Education and allied activities.
  - b) Education (Distribution of books and uniforms).
  - c) Vocational training to unemployed youth.
  - d) SHG Support (women SHG).
  - e) Providing Medical facility (Regular Health Camps).
  - Maintenance of village roads.
  - g) Infrastructure development (support to civic amenities, plantation)

All the modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.

PP should ensure to submit half yearly compliance report and CSR activity XXI. report with photographs of plantation in MP-SEIAA.

Hence, Prior Environmental Clearance is granted for Iron Ore Mine (Open cast manual/ semi mechanized method) in an area of11.56 ha. for production capacity of 24,000 TPA at khasra no.716/2kha, 3kha, 4kha, 5 kha,6, 7, 8, 9 total area of 1.07 ha Ownership - GRFL., and khasra no. - 716/2Th, 3Gh, 4Ga, 5Ga, 6 Ka, 7Ka, 8Ka, 9Ka total area 10.49 ha Ownership - (RF 101) Reserved Forest Range & Division Katni at village - Pahadi, Tehsil-Katni, District-Katni (MP) for the lease period to M/s Ma Kali Iron & Steel Company Pvt. Ltd., Shri Sunil Vishwambharan, Director, 84, Makers Chambers-III, Nariman Point, Mumbai-400021.

4. Case No.- 5778/2018: Prior Environmental Clearance for Sand Quarry (Opencast Manual Method) in an area 6.430 ha. for production capacity of 109953 cum/year at Khasra nos.60,1038 at Village- Ganiyar, Tehsil-Narwar District-Shivpuri (MP) by Sarpanch/Sachiv R/o Gram panchayat Ganiyar, Tehsil Narwar, District Shivpuri (MP)-473551.

This case was recommended in 336th SEAC meeting dated 4.12.2018 and it was recorded that.....

----- The case was presented by the PP and their consultant wherein : The EMS and other submissions made by the PP were found to be satisfactory and

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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':

After detailed discussions and perusal of recommendations of 336<sup>th</sup> SEAC meeting dated 4.12.18, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

- (i). The production capacity shall be limited to the quantity approved by SEAC.
- (ii). No in-stream mining shall be allowed.
- (iii). The depth of the pit shall be as per Approved Mining Plan.
- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vi). PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (vii). Over loading will be strictly stopped.
- (viii). PP shall ensure to plant 1000 saplings in 2.12 ha area of local indigenous evergreen tree species and also develop green belt along the road and river bank
- (ix). PP shall ensure implementation of the following activities with budget provision Rs. 2 lakhs per year under CSR.
  - a) Provide to digital India campaign computer and internet training those cover awareness of E-Banking system with trainer for villagers Ganiyar, Nandpur.
  - b) Provide to Solar energy system and LED street light for village Ganiyar, Nandpur.
  - c) Construction work of sewage drain paved cement and concrete near in the village as Ganiyar, Nandpur etc.
  - d) The road repairs of local Village as Ganiyar, Nandpur etc.

Hence, Prior Environmental Clearance is granted for Sand Quarry (Opencast Manual Method) in an area 6.430 ha. for production capacity of 109953 cum/year at Khasra nos.60,1038 at Village- Ganiyar, Tehsil-Narwar District-Shivpuri (MP) for the lease period to Sarpanch/Sachiv R/o Gram panchayat Ganiyar, Tehsil Narwar, District Shivpuri (MP)-473551.

Case No. 5653/2018: Prior Environmental Clearance for Basalt Stone Quarry in 7.340 ha for production capacity of 56800 cum/year at Khasra No. 94/1 at Village Chhind , Tehsil - Udaipura, Dist. Raisen by Shri Jeewan Singh Rajput, R/o Chiklli, Tehsil - Udaipura, Dlst. Raisen, MP-464770.

This case was discussed in 506<sup>th</sup> SEIAA meeting dated 17.10.2018 and it was recorded that......

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The case was discussed in 497<sup>th</sup> SEIAA meeting dtd. 03.08.18 and decided to call PP for presentation. Accordingly the case was scheduled for presentation however neither PP nor their consultant were able to explain the case hence it is decided to defer the case for forthcoming meeting.

As per above observation of SEIAA, PP was also absent in the 483<sup>rd</sup> SEIAA meeting dated 16/05/2018 497<sup>th</sup> SEIAA meeting dated 3/08/2018, 504<sup>th</sup> SEIAA meeting dated 19/09/2018 & 505<sup>th</sup> SEIAA meeting dated 26/09/2018. Since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP or their representative constatnly remain absent hence, it is decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal. Copy to PP and all concerned

6. Case No.5496/2017: Prior Environmental for Common Bio Medical Waste Treatment Facility (CBWTF) of M/s India Waste Management Pvt Ltd at E3 – New Industrial Area No. – II Mandideep Village Mandideep Tehsil - Goharganj, District – Raisen (M.P)Total plot area-20006.669 sq m. by Director, Shardul Shah M/s India Waste Management PVT LTD 30 MIG MLA Quarters Bhadbhada Road T.T. Nagar Bhopal (M.P) - 462003 Mob; 7566723583 email:indiawmgt@gmail.com

The case was discussed in 507th SEIAA meeting dtd. 30.10.2018 and recorded that:-

EC granted in 500<sup>th</sup>SEIAA meeting dated 30-08-2018 and accordingly environmental clearance letter issued to PP.

For the said project, a complaint received from Md. Tahir Khan & others in SEIAA office on 08.10.18 regarding existence of human habitation in close vicinity of project site. It is decided to send complaint letter along with technical file to SEAC for site inspection/examination and give factual status of the site.

In response to above the case was considered in 336<sup>th</sup> SEAC meeting dtd. 04.12.18 and recorded that:-

"The case was recommended for grant of prior EC in the 306<sup>th</sup> SEAC meeting dated 27/01/2018 and SEIAA in its 500<sup>th</sup> meeting dated 30/08/18 decided to grant prior EC. EC was issued vide letter no. 1530/SEIAA/18 dated 12/10/18.

Moh.Tahir Khan, Bhopal (M.P.) vide letter dated 01/10/2018 has raised certain issues regarding M/s India Waste Management Pvt., Ltd., Mandideep and the same has been forwarded by SEIAA to SEAC vide letter dated 24/11/2018 for site inspection/ examination and give factual status.

The case was placed before the committee with the concerned case file. The committee on perusal of the complaint observed that the complainant is mainly concerned about the location of the project as site is located in close proximity with a habitat and criteria of coverage of an incinerator.

Committee observed that at the time of prescribing "TOR" to this facility the issue of habitat was raised and considering the same PP was asked to provide necessary details and containment plan in the EIA report which reads as follows:

Considering habitation near to the project site (on the SE side), PP will carry out air
modeling selecting suitable software and discuss in EIA report where maximum
GLC would occur. PP will also submit the exact distance of nearest habitat (on the
SE side) from the all four corners of the project location and justify that this CBWTF
will not cause any adverse impact on environment and habitation in the vicinity.

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- One monitoring location should be fixed in the nearby habitation (on the SE side) for monitoring of air, noise water, soil etc.
- Considering habitation near to the project site (on the SE side), PP should provide the details of habitations with sensitive features such as no. of houses, no. of residents and details of other structures such as schools, hospitals, source of water supply etc.
- Justify in EIA report considering habitation near to the project site (on the SE side) that the proposed technology is "Best Available Technology" of CBWTF and also how unit will remain zero discharge.

Committee further observed that at the time of EIA appraisal the issue of habitat was discussed wherein PP and their consultant submitted that in EIA report this point is addressed as per the given TOR point in Chaptor-4. Committee also observed that PP has submitted a detailed report on "Air dispersion medaling report for this CBWTF" vide letter dated 17/01/2018. As per this medaling report the maximum GLC will be at a distance of 1400 meters from the project site in SE direction which will be away from the habitat.

As per the suggestions of the SEAC in the meeting dated 07/12/2017, PP has also proposed dry scrubber technology to avoid any adverse impact on nearby habitat. PP has proposed bag filters at the final outlet of incinerator stack with 30 meters height as best available technology.

Committee further discussed that as per the revised guidelines issued by CPCB for "Common Bio-medical Waste Treatment & Disposal facility" (December, 2016) it is clearly mentioned in the location criteria that "A CBWTF shall preferable be developed in a notified industrial area without any requirement of buffer zone", and this proposed site is located in notified industrial area.

Further in the recommendations it is mentioned that ETP of 300 KLD (in two phases of 200 KLD and 100 KLD) with provision of tertiary system shall be provided with recycling of treated water to maintain zero discharge conditions. It is also stipulated in the conditions that no effluent from the facility shall be discharged outside the premises and Zero discharge shall be maintained. PP should install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom & on line continous monitoring system to monitor the stack emission and data connectivity must be provided to the MPPCB's server for remote operations to keep vigil on industry as best available technology.

Committee observed that criteria of coverage of faculty were delt in detail by SEIAA in their 500<sup>th</sup> meeting dated 30/08/2018. Committee after deliberations recommends that with the above submissions the file may be sent to SEIAA".

As per the recommendation of SEAC, the authority observed that this proposed site is located in notified industrial area as per the revised guidelines issued by CPCB for "Common Bio-medical Waste Treatment & Disposal facility" (December, 2016) it is clearly mentioned in the location criteria that "A CBWTF shall preferable be developed in a notified industrial area without any requirement of buffer zone" hence observation of SEAC is acceptable to authority.

7. Case No. - 5791/2018 M/s Fortune Soumya Housing, Fortune Soumya Santosa, Bagli Behind C-21 Mall, Bhopal, (M.P.). Prior Environment Clearance for Construction of Proposed Residential Development Fortune Soumya Santosa on part of Khasra No. 35, 40, 48, 49, P.H. No. 25, (Total Land Area = 62,873.23 sqm., Proposed Scheme Area = 61,607.01 sqm, Net

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Chairman

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Planning Area = 60914.87 sqm, Total Built-up Area = 42856.47 sqm) at Village - Bagli, Tehsil - Huzur & Dist. - Bhopal (M.P.).

This case was recommended in 336<sup>th</sup> SEAC meeting dated 04.12.18, PP may be invited for presentation.

Case No- 4002/15: Prior Environmental Clearance for Sand Quarry Opencast Manual Method) in an area of 15.800 ha. for production capacity of 94,800 cum/year (as per SEAC recommendation) at Khasra No.-825, Village.-Khamroli, Tehsil-Sewada, District-Datia (MP) by Shri Vaibhav Singh Yadav, M/s Shri Murli Construction R/o 27, Jyoti Nagar, Thatipur, District-Gwalior (MP)-474003.

This case was discussed in 336<sup>th</sup> SEAC meeting dated 4.12.18 and it was recorded that :

SEIAA vide letter no. 1050 dated 03/07/2018 has forwarded this case to SEAC stating that: "PP has submitted a representation to change the production capacity as per mining plan however, EC granted for a production capacity of 94,800 cum/year whereas in the mining plan thecapacity demanded was 1,58,000 cum/year.

The case was placed before the committee wherein committee observed that the justification for reduction in production capacity is given in the minutes stating that "during presentation it was observed that as per the Google image of Dec 2015 based on the co-ordinates provided by the PP that approx. 40% of the lease area is submerged in water. Thus remaining 60% area is minable and 94,800 cum/year sand can be evacuated", thus committee decided that reason for the reduction in sand quantity was justified hence no further action is required in this case. The committee after deliberations decided that above clarification may be sent to SEIAA for onward necessary action.

After review the case, it is decided to accept the recommendation of SEAC and no further action is required in this case. Copy to PP.

 Case No. - 5137/2016 Prior Environment Clearance for River Sand Mining in an area of 10.00 ha. for production capacity of 40,000 cum/year at Khasra No. 1566 at Village-Bijakpur, Tehsil-Dabra, District-Gwalior by M/s Vedansh Minerals Resources, Sub Lessee of MPSMCL, Shri Atul Gondal, Authorized Signatory R/o L.L.P. 10/499, B, Aliganj, Khalasilean, Kanpur (UP)-208002.

The case was discussed in 336<sup>th</sup> SEAC meeting dated 4.12.18 and it was recorded that :

District Collector & mining Officer in Eakal Preman Patra has mentioned the area as 10.00 ha. The MP State Mining Corporation limited, Bhopal in the letter of acceptance has too mentioned that area as 10.00 ha. On the basis of all such documents the case was appraised and recommendations were made. Now a complaint has been made wherein the issue of lease area from 10.00 ha to 4.00 ha has been raised and as per the documents attached with the file the matter is in process between MP State Mining Corporation limited, PP and District collector and sufficient evidence is not available in the file (except the copy of order in case no. 24/16-17/ V121 dated 12/02/2918 wherein recommendations for cancellation of lease is made) that the sanctioned lease is cancelled by the MP State Mining Corporation limited, MRD/ GoMP / District Collector.

On perusal of above facts committee recommends that SEIAA may call a meeting with all the concerned to decide the issue of lease and its area and if the lease is cancelled by the concerned department then EC may be rejected as per the procedure laid down in clause 08

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Member Secretary

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- (vi) of EIA Notification, 2006. It has been decided to write a letter to State Mining Corporation to know about factual status on sanctioned mining lease and its area in reference to complaint. Accordingly, necessary action will be taken.
- 10. Case No. 4379/2015: Prior Environment Clearance for Sand Quarry in an area of 16.250 ha. for production capacity of 1,62,000 cum/year at Khasra No. 278 at Village-Bheekampura, Tehsil-Sevda, District-Datia by M/s Esteem Infrabuild Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd Shri Kailash Chandra Gupta R/o P-4, Lal Bahadur Nagar, Durgapura, Jaipur Raj.

The case was discussed in 336th SEAC meeting dated 4.12.18 and it was recorded that:

Committee after deliberations decided that since the reason of not considering this lease in cluster is mentioned in the minute which is as per the MoEF&CC notification dated 01/07/2016, same may be forwarded to SEIAA for onward necessary action with submission that MO, Datia may also be requested to verify the contents before forwarding the complaint to SEIAA.

As per above observation of SEAC, the Collector, Datia may be informed to direct the Mining Officer Datia to first verify the content before forwarding the complaint to SEIAA.

11. Case No. 4368/2015: Prior Environment Clearance for Sand Quarry in an area of 15.00 ha. for production capacity of 1,50,000 cum/year at khasra No, 278 at Village-Bheekampura, Tehsil-Sevda, District-Datia by M/s Prime Vision Industries Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd Shri Atul Gondal R/o 303, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida District- Gautambudh Nagar (UP)-201301.

This case was discussed in 336<sup>th</sup> SEAC meeting dated 4.12.18 and it was recorded that :

Committee after deliberations decided that since the reason of not considering this lease in cluster is mentioned in the minute which is as per the MoEF&CC notification dated 01/07/2016, same may be forwarded to SEIAA for onward necessary action with submission that MO, Datia may also be requested to verify the contents before forwarding the complaint to SEIAA.

As per above observation of SEAC, the Collector, Datia may be informed to direct the Mining Officer Datia to first verify the content before forwarding the complaint to SEIAA.

12. Case No. 2726/2015 - Prior Environmental Clearance for Dimawar River Sand Quarry (Open cast manual method) in an area of 2.00 ha. for production capacity of 58,000 cum/year at Village-Dimawar, Tehsil-Seoni Malwa, District-Hoshangabad (MP) by Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001.

This is case of Sand Quarry. From the perusal of the documents in this particular case and the above observation of SEAC, there are 9 more mines within 500 m. radius (as per the report of Mining Officer Hoshangabad) having a combined area of 118.810 ha.(including the above mine). TOR approved 230<sup>th</sup> meeting dated 26/10/15 Valid up to 29/09/18. As per the instructions issued by the Department of Environment, GoMP on 06.09.2016, it has been decided to close this case in SEIAA and to be appraised in DEIAA as per 368<sup>th</sup> SEIAA meeting 22.09.16. Case

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transferred to DEIAA Hoshangabad vide letter no.4017-18/SEIAA/16 dated 13-10-16. This case has already been closed in 368<sup>th</sup> SEIAA meeting 22-09-16 and will remain closed.Hence no action is required. Copy to SEAC.

13. Case No.5772/2018 Prior Environment Clearance for Sitanagar Irrigation Project in an command area 16200 ha, Catchment area 3896.97 sq.mtr. (Dam length 1671 m, Spillway 204 m, Maximum height of Dam 27.50 m) for live capacity 59.59 Mcm at Village Summer & Bijori Sirsiya District Damoh by Eexecutive Engineer,, Panchanmnagar Survey Div Hatta Damoh (MP)

This case was discussed in 336<sup>th</sup> SEAC meeting dated 04.12.18, ToR recommended by SEAC is hereby approved.

14. Case No. 4125/2015 - Prior Environmental Clearance for Khondhra Limestone (Open cast Mechanized method) in an area of 4.547 ha. for production capacity 50,000 TPA at khasra no 209/2 at Village- Khondhra, Tehsil-Maihar, District- Satna (MP) by M/s Siddhivinayak Minirals Smt. Lalita Chourasiya (Partner) R/o Chourasiya Mohalla, Purani Basti, Post & District – Satna (MP) – 485771.

The Prior EC was granted M/s Siddhivinayak Minirals Smt. Lalita Chourasiya (Partner) R/o Chourasiya Mohalla, Purani Basti, Post & District – Satna (MP) – 485771 in 514<sup>th</sup> SEIAA meeting dtd. 14.12.2018. Due to typographical mistake, the production capacity 50000 TPA has been mentioned in the minutes in place of Limestone 10000 TPA and Reject stone 26588 TPA (as recommended by SEAC). In view of above, it is decided to correct the production capacity Limestone as 10000 TPA and Reject stone 26588 TPA. Copy to PP and all concerned.

Meeting ended with a vote of thanks to the Chair.

(Jitendra Singh Raje)
Member Secretary
518<sup>th</sup> SEIAA Meeting dtd. 05.01.2019

(R.K. Sharma) Member

(Rakesh K. Shrivastava) Chairman

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