

569वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 06 मई 2022

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल से पर्यावरणीय स्वीकृति हेतु प्राप्त परियोजनाओं के तकनीकी परीक्षण हेतु राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की 569वीं बैठक दिनांक 06/05/2022 को डॉ. पी.सी. दुबे की अध्यक्षता में आयोजित की गई, जिसमें समिति के निम्नलिखित सदस्य स्वयं/वीडियो कॉन्फ्रेंसिंग के माध्यम से उपस्थित रहें :-

1. श्री राघवेन्द्र श्रीवास्तव, सदस्य ।
2. प्रो. (डॉ.) रुबीना चौधरी, सदस्य ।
3. डॉ. ए.के. शर्मा, सदस्य ।
4. प्रो. अनिल प्रकाश, सदस्य ।
5. प्रो. (डॉ.) आलोक मित्तल, सदस्य ।
6. डॉ. जय प्रकाश शुक्ला, सदस्य ।
7. डॉ. रवि बिहारी श्रीवास्तव, सदस्य ।
8. श्री ए.ए. मिश्रा, सदस्य सचिव ।

सभी सदस्यों द्वारा अध्यक्ष महोदय के स्वागत के साथ बैठक प्रारंभ करते हुए बैठक के निर्धारित एजेण्डा अनुसार पर्यावरणीय स्वीकृति हेतु प्राप्त प्रोजेक्ट्सों का तकनीकी परीक्षण निम्नानुसार किया गया :-

1. Case No. - 5557/2017 Shri Jaikishan Jakhodiya, M/s Jakhodia Minerals, Jakhodia Group 184, Samta Colony, Raipur, (C.G.) Prior Environment Clearance for Capacity Expansion in Iron Ore Beneficiation Plant of M/s Jakhodia Minerals, at Khasra No. 75 & 85 Village - Dhamki, Tehsil - Sihora, Distt. - Jabalpur, (M.P.) Existing Capacity – 19,800 TPA, Proposed Input – 3,00,000 TPA Output – 2,10,000 TPA. Cat. 2(b) Mineral Benifcation Projects. EIA Consultant: M/s. Creative Enviro Services, Bhopal

This is an Ore beneficiation project comprising beneficiation of Iron Ore. The project is covered under the provisions of EIA notification as item no. 2 (b), hence requires prior EC from SEIAA. It was reported that, the industry is operational with existing production capacity of 19,800 TPA and proposes an expansion in the production capacity up to – 3,00,000 TPA. Application submitted by the PP was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की बैठक क्रमांक 306वीं दिनांक 27/01/2018 में टॉर (TOR) की अनुशंसा की गई थी ।

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल द्वारा परियोजना प्रस्तावक द्वारा प्रस्तुत ई.आई.ए. रिपोर्ट राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) को ऑन लाईन प्रेषित की गई है ।

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PP has submitted the EIA report on line which was forwarded through SEIAA and the same was scheduled in the agenda.

The EIA was presented by the PP Shri Ashutosh Jhakodia and Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services, Bhopal wherein PP submitted that they have obtained MoEF&CC compliance report of earlier EC conditions wherein no non compliances are reported. PP further submitted that they have obtained CTO from MPPCB for existing production of 19,800 MT/A of iron ore beneficiation. PP further submitted that now expansion in beneficiation activity is proposed from 19,800 TPA to 3,00,000 TPA for Iron Ore, Manganese Ore and Bauxite Ore through physical beneficiation only and input volume shall be meet through their captive mines. Total land in possession is 1.40 ha of Khasara No. 75 which has been kept for beneficiation activity. The beneficiation plant covers 750 sq. mt. Green belt has been developed with 350 within the premises. Further 0.54 ha of Khasara No. 85 is also in their possession near to existing owned land. This shall be used for tailing disposal and management. During presentation, PP submitted that this piece of land will be used for making bricks of tailing residues. Committee suggested that on remaining part of land after (leaving area for brick plant) shall be used for thick green belt development. Committee further suggested that PP shall also strengthen peripheral plantation and plantation along the transportation route and revised proposal may be submitted with commitment that entire plantation will be completed within 02 years. During discussion it was observed that details of existing machinery (plant configuration) and proposed machinery for proposed expansion is not clear hence same shall be submitted. PP informed during presentation that 200 KLD water is required which is fulfilled from their mine through pipeline. It was observed that a borewell is in existence within the plant for which committee suggested that this borewell shall only be used for drinking purpose. For disposal of tailings PP submitted that at present they are disposing these tailings mostly through brick kilns and some part through cement plants. Committee recommends that after expansion, the volume of tailings will be enhanced and thus same shall be disposed through cement

plants, brick making and lastly through brick kilns manufactures. Committee also recommends that PP shall explore the possibility of making useful materials from this waste such as paved blocks for which a scientific study shall be carried out from any institute of national repute within a year and their findings shall be submitted with six monthly compliance reports. PP submitted that issues raised during public hearing were for employment, pollution due to dust and mud generation, water discharging from the plant, water crisis in the nearby places etc. PP submitted that for dust suppression they have installed sprinklers on transportation road which causes mud generation some times and have addressed all the issues in the proposed EMP & CER with budgetary allocations including budget for pucca road. Committee during deliberations suggested that the stock pile which is used in feeding to hopper for beneficiation shall always have 15-20% moisture to avoid fugitive emission of dust and stored stock pile must have minimum 15% moisture. PP submitted that “Zero Liquid Discharge” shall be maintained. After presentation and discussion PP was asked to submit response on following:

1. Revised plantation scheme as suggested by committee along with proposal for strengthening of peripheral plantation with commitment that entire plantation within the premises and site surrounding will be completed within initial 02 years.
2. Revised EMP and CER as suggested by committee.
3. Copy of leachate analysis report.
4. Details of existing machinery (plant configuration) and machinery proposed for expansion shall be submitted.
5. Commitment of PP that tailings shall be disposed through cement plants, brick making and paver blocks.
6. Commitment of PP that all internal roads and transportation roads will be made pucca.

PP vide their letter dated 06.07.2021 submitted query reply which was placed before the committee and the same found satisfactory. 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 Capacity Expansion in Ore Beneficiation Plant for Iron, Mn and Bauxite of M/s Jakhodia Minerals, at Khasra No. 75 & 85 Village - Dhamki, Tehsil - Sihora, Distt. - Jabalpur, (M.P.) Existing Capacity – 19,800 TPA to Proposed Input – 3,00,000 TPA Output – 2,10,000 TPA. Cat. 2(b) Mineral Benification Projects 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 & permission of competent authority if ant tree falling is to be carried out.
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 monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
2. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS.
3. The DG set of 650 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.
4. DG set of 650 kva exhaust will be discharged at height stipulated by CPCB.
5. 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. About 3963 KLD process water is required for treating 100 TPH of feed out of which 3763 KLD will be recycled. There is no effluent let out from the Beneficiation Plant. Water from the Thickener & CVDF & Pressure Filter is also reclaimed and recirculating water in the process. Total water requirement is about 200 KLD which will sourced through mine water reservoir, bore well and recycled water and shall be used for dust suppression, beneficiation process, green belt suppression for project. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
2. A borewell is in existence within the plant which shall only be used for drinking purpose.
3. 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.
4. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises, for which PP shall provide Thickener, Filter Press and recycling system for making system zero discharge
5. 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.
6. 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.
7. 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.
8. 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.

9. 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 set of 650 KVA 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.

(F) Waste management

1. From beneficiation plant, tailing shall be generated 340 TPD on dry basis for Iron Ore, 550 TPD on dry basis for Manganese Ore and 350 TPD on dry basis for Bauxite Ore resulting into 408 TPD (Iron Ore), 660 TPD (Manganese Ore) & 420 TPD (Bauxite Ore) respectively with 20%. About 3963 KLD process water is required for treating 100 TPH of feed out of which 3763 KLD will be recycled. For this purpose, tailing thickener & pressure filter shall be provided. In the Thickener & Pressure filter the tails get separated out & the water from tailing is recirculated to the Beneficiation Plant thus reducing the need of fresh water.
2. The stock pile which is used in feeding to hopper for beneficiation shall always have 15-20% moisture to avoid fugitive emission of dust and stored stock pile must have minimum 15% moisture.
3. The solid tailings shall used by Cement Industries, for bricks manufacturing within plant premises, or paver blocks after conducting scientific study through an institute of national reput within a year and their findings shall be submitted with six monthly compliance reports.
4. At Khasara No. 85 (0.54 ha) shall be used for making bricks of tailing residues and on remaining part of land after (leaving area for brick plant) shall be used for thick green belt development.

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5. Comprehensive utilization of Iron ore, Mn ore and Bauxite Ore tailings and water will be efficient, economical, socially beneficial to improve environment.
6. 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.
7. Hazardous wastes such as used oil, discarded drums, used carbon (if any) etc shall be directly sent to CTSDf, Dhar.
8. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
9. 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.
10. 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.
11. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
12. All the storage area 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.
13. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

(G) Green Belt

1. As proposed total 6800 plants are to be planted out of which 500 have already been planted. Thus as per submitted proposal, 6300 plants are to be planted in the next two years as follows:

Plant Species for Mine Area, and village distribution				
Phase	Location	Name of Tree/ shrub/Herbs	No. of Plants	Remark
Existing	Plant	Kadam, Teak, Gulmohar, neem, Gular, Aam, Kachnar	500	Northern side of plant
1 st to 2 nd year	Along with plant boundary	Neem, Jungle jalebi Chirol, Teak, Mahua, Khamar, Bans, Bad Amaltas, Mango, Leman, Karanj, Kathal and other local species etc.	1000	Inside Fencing (Trench of 45 cm will be provided with channelling facility)

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		Row To Row Distance : 2.5 mtr Plant To Plant Distance 3 mtrs Depth of Trech – 0 cm		
1 st and 2 nd year	Road Side	Mango, Neeem, Kadam and other local species etc.	800	With trees guard and 4ft saplings
1 st to 3 rd Year	Over adjacent owned land	Orchid, Amrud, Bamboo and other local species etc.	2500	
		Sub Total	4800	
1 st and 2 nd year	Distribution at Village	Mango, Neem, Lemon, Kathal, Jamun, Munga, and other local species	2000	
		Total	6800	

- Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 01 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- PP shall also develop green belt over community places in consultation with gram panchayat

(H) Safety, Public hearing and Human health issues

- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 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.
- The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- 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.
- 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

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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& CER

1. The proposed EMP cost is Rs. 32.00 Lakhs as capital and 10.70 Lakhs /year as recurring cost.
2. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER).

SN	Plan	Activity	Budget in Rs. in lacs
1.	Construction of BMW road from plant area to NH-07	Construction of WBM road – 1km Length @7.5m Width	9.00 lacs
2	Provision of solar panel with pump for Borewell at village Dhamki with corporation of PHE under Jal Jiwan Yojna	2 bore well at Aganwadi center and Gram Panchayat Bhawan	6.00 lacs
	Total		15.00

3. 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.
4. 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.

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5. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
6. 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.
7. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

J. 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 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. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any
6. 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

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orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

2. Case No 9132/2022 M/s Biofil Chemicals & Pharmaceuticals Ltd, 11/12, Sector-E, Sanwer Road, Industrial Area, Dist. Indore, MP - 452015 Prior Environment Clearance for Capacity Expansion of proposed Manufacturing API and Pharmaceuticals Intermediates in Existing Unit at Plot No. 8, Kheda Industrial Area, Pithampur, Taluka & Dist. Dhar, MP. Env. Con. – ENVISOLVE LLP, Indore (M.P.).

This is a case of Prior Environment Clearance for Capacity Expansion of proposed Manufacturing API and Pharmaceuticals Intermediates in Existing Unit at Plot No. 8, Kheda Industrial Area, Pithampur, Taluka & Dist. Dhar, MP. Cat. 5(f) Synthetic Organic Chemicals Industry (Dyes & Dye Intermediates) Project.

The case was presented by the Shri Shubham Dubey, Env. Con. from M/s. ENVISOLVE LLP, Indore (M.P.) and their consultant and during presentation following details were provided.

PP submitted following salient features of the project:

S.N.	Component	Status
1	Name	M/s. Biofil Chemicals & Pharmaceuticals Ltd.,
2	Location	Plot No. 8, Sector-III, Kheda Industrial Estate, Pithampur, Taluka & District- Dhar, Madhya Pradesh
3	Category of the project i.e. 'A, or 'B'.	Category – B2 of Project Activity No. 5(f) – for Synthetic Organic Chemical (Pharmaceutical API and Intermediates).
4	Project Type	Expansion in production capacity
5	Category of Project	MSME
7	Area Details in Sq Meter	
	Total Plot Area	1,05,464 Sq. m.
8	Green belt Area	34863.18 Sq.m. (33% of the total area)
9	Budgetary Allocation	
i	Project Cast	2400 Lakhs
ii	EMP Cast	
	Capital cost	130.25 Lacs for EMS viz. ETP, MEE, APCM

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			etc
	Annual re-occurring cost	35 Lacs	for EMS - O&M and monitoring etc
iii	CER Activities	48 Lacs	
10	Power Requirement		
ii	Total Power Requirement	500 KW	
iii	Source	MPSEB	
11	Fuel Requirement		
A	Existing		
i	Agro Waste for Boilers (0.6 TPH)	Agro Briquette (5 kg/hr)	
ii	HSD for DG Set (30 kVA)*	HSD – 35 LPH	
B	Proposed		
i	Briquette/Coal for Boilers (2 x 2 TPH)	Agro Briquette (6 T/day)	
ii	Thermopack Boiler (2 Lakh k Cal/Hr.)	HSD or Furnace Oil	
iii	HSD For DG Set (2 x 125 kVA)*	96 lit/hour	
12.	DG Set Details		
i	DG Set (1No.)- Existing	30 kVA	
ii	D.G. Set (1No.)- Proposed	2 x 125 KVA	

- M/s. Biofil Chemicals & Pharmaceuticals Ltd., is small-scale manufacturing facility located at Plot No. 8, Sector-III, Kheda Industrial Estate, Pithampur, Taluka & District- Dhar in a area of total 1,05,464 Sq. m.
- Unit is currently engaged in manufacturing of Ferrous Sulphate Granules & Dry Powder , Inorganic Salt (Potassium Chloride) which are non EC products and having the valid Consent (CCA) order (Consent No: 10987 dated 28.09.2021) issued by Madhya Pradesh Pollution Control Board (MPPCB) for production of the existing product.
- Existing production capacity of Ferrous Sulphate Granules & Dry Powder is 310 MT/Anum. Proposed production capacity of Ferrous Sulphate Granules & Dry Powder 1200 MT/Annum and proposed production capacity of API/Bulk Drug & Intermediates and Steriod and Hormones is 1800 MT/Annum & 90 MT/Annum respectively.

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- The project occupies a plot Area of 1,05,464 sqm of land. The total fixed cost of the project is estimated as INR 24 Cr.
- The major facilities will be Boiler, MEE, Reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plant. Facilities like administrative office, parking and greenbelt / plantation will also be developed as per plan/requirement. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Total raw water requirement for the proposed project will be 65.5 KLD fresh and after recycling of 48 KLD, the fresh water requirement will be 17.5 KLD.. The water will be sourced from MPIDC, Indore (MP) .
- The total wastewater generation from the domestic source will be 6.00 KLD and industrial wastewater generation will be 43.2 KLD. Process effluent i.e. 29.8 KLD will be segregated into concentrated effluent stream 9.8 KLD) and normal effluent stream (20 KLD).
- 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 Biofil Chemicals & Pharmaceuticals Ltd., will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules.
- Power will be sourced from existing line of Madhya Kshetra Vidyut Vitaran Company'. The total requirement will be 500 KW. In case of power failure, D.G. of 2 No. 125 KVA will be used as a backup power source.
- The total capital cost for environmental measures is kept as Rs. 130.25 Lacs (capital cost) is allocated for environmental management systems and the annual recurring cost for the same is Rs 35 Lacs .

Proposed API & their Intermediates Products covered under EIA Notification, 2006:

Active Pharmaceutical Substances

Products	Chemical name	END USE
Diclofenec sodium	2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid sodium salt	API
Aceclofenac	2-[(2,6-Dichlorophenyl)amino]benzene acetic acid carboxymethyl ester	API
Mefemanic acid	2-[(2,3-Dimethylphenyl)amino]-benzoic Acid	API
Niphidipine	1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic Acid Dimethyl Ester	API
Fenbendazole	Methyl 5-(phenylthio)-2-benzimidazolecarbamate	API
Chlorzoxazone	5-Chloro-2(3H)-benzoxazolone	API
Chlorthalidone	RS)-2-Chloro-5-(1-hydroxy-3-oxo-2,3-dihydro-1 Hisonidol-1-yl)benzene-1-sulfonamide	API
Gliclazide	(R)-3-Hydroxy-alpha-[(methylamino)methyl]benzenemethanol hydrochloride	API

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Phenylephrine	(R)-(-)-3-Hydroxy- α -(methylaminomethyl)benzyl Alcohol	API
Mesalamine	5-Amino-2-hydroxybenzoic acid	API
Montelukast	1-[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]cyclopropaneacetic acid sodium salt hydrate	API
Transexemic acid	trans-4-(Aminomethyl)cyclohexanecarboxylic Acid	API
Levosulpride	5-(Aminosulfonyl)-N-[[[(2S)-1-ethyl-2-pyrrolidinyl]methyl]-2-methoxy-benzamide;	API
Amisulpride	4-Amino-N-[(1-ethyl-2-pyrrolidinyl)methyl]-5-(ethylsulfonyl)-2-methoxybenzamide,	API
Mebeverine	4-(ethyl(1-(4-methoxyphenyl)propan-2-yl)amino)butyl 3,4-dimethoxybenzoate hydrochloride	API
Defrasirox	4-[3,5-Bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]benzoic Acid	API
Vildagliptin	(2S)-1-[2-[(3-Hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl)amino]acetyl]-2-pyrrolidinecarbonitrile	API
Hydroxychloroquine	7-Chloro-4-[4-(N-ethyl-N- β -hydroxyethylamino)-1-methylbutylamino]quinoline	API

B	INTERMEDIATES	End use
1	4- Nitro benzyl chloride	For API
2	3 - Nitro benzyl chloride	For API
3	Paranitrobenzyl alcohol	For API
4	4- Methoxybenzoic acid	For API
5	4 Chlorosalysilic Acid	For API
6	1-[2-(2-Hydroxyethoxy) ethyl]Piperazine	For API
7	(2S)-1-chloroacetyl-2-pyrrolidine carbonitrile	For API
8	Methyl-2-methoxy -5 -sulphomyl benzoate	For API
9	4-[(4-Methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride	For API
10	N-(5-Amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidineamine	For API
11	2-Methyl-5-nitrophenyl)guanidine nitrate	For API
12	Methyl-4-(bromomethyl)benzoate	For API

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After presentation PP was asked to submit following information:

- Justification why this case has been covered under B2 category?
- Revised Form 1 as suggested during presentation.
- Detailed Product list with quantity.
- Undertaking regarding solvent recovery upto 97% and ZLD unit.
- Revised water balance including cooling tower waste water details.
- Hazardous waste management details for batch rejection (if any) and expired medicines.
- Revised Plantation and CER details as suggested by the committee.

PP vide letter dated 06.05.2022 submitted reply of the above query. The query reply was discussed and after deliberations, the submissions and presentation made by the PP was found satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Capacity Expansion of following API and Pharmaceuticals Intermediates in Existing Unit at Plot No. 8, Kheda Industrial Area, Pithampur, Taluka & Dist. Dhar, MP. (Total area 1,05,464 Sq.m., under Cat. 5(f) subject to following conditions:

Proposed Expansion of list of Products & Capacity (Unit/Annum)

S.no.	Product	Quantity			
		Existing	Unit/Annum	Proposed	Unit/Annum
1.	All types of Plastic-Drippers, Caps, Fittings & Forming	15.0	lakhs	----	----
2.	Ferrous Sulphate Granules & Dry Powder	310.0	MT	1200.0	MT
3.	Inorganic Salt (Potassium Chloride)	1400	MT	2000.0	MT
4.	Microcrystalline Cellulose Powder(MCCP) Cellulose Powder(CP)	30.0	MT	180.0	MT
5.	Tablets	30.0	lakhs	12 .0	Crore
6.	Capsules	30.0	lakhs	01 .0	Crore

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7.	Plastic Granules	24.0	MT	150.0	Tons
8.	Steroid and Hormones	90.0	Tons
9.	API /Intermediates	1800.0	Tons
10.	Syrups	----	---	7.5 (liquid)	lakhs
11.	Chlorine Tablets	----	---	05.0	Crore

(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. The

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

Sr. No.	Stack/Vent attached to	Stack Height (meter)	Stack Diameter (meter)	Fuel name	Type Emission of	APCM
3	D.G. Set* (2 X 125 KVA)	Minimum 05 or As per CPCB Guidelines	0.1	HSD (Liter/Day)	PM SO ₂ NO _x	Adequate Stack Height Acoustic enclosure
4	Boiler - 1 (2 X 2 TPH)	Minimum 30 or As per CPCB Guidelines	0.3	Agro Waste /wood, TPD	PM SO ₂ , NO _x	Adequate Stack Height and Bag Filter
5	Thermopack Boiler (2 Lakh kCal/Hr.)	Minimum 12 or As per CPCB Guidelines	0.15	HSD or Furnace Oil	PM SO ₂ NO _x	Adequate Stack Height

4. Storage of raw materials, chemicals etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
5. The DG sets (2 x 125 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.
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. “Zero Liquid Discharge” shall be ensured using ETP (50 KLD) and no waste/treated water shall be discharged outside the premises.
3. 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.
4. Total fresh water requirement shall not exceed 65.50 KLD and as proposed, in case, if in-house bore or tube well is required, than CGWA permission shall be obtained before extracting ground water.
 5. 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.
 6. The Company shall harvest rainwater, after taking permission from State Pollution Control Board, from the roof tops of the admin buildings. Process building, raw material and finished goods storage building shall not be used for ground water recharging.
 7. 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 sets (2 x 125 kVA) 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.
3. The power will be supplied by Madhya Pradesh Electricity Board.

(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.

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2. Hazardous waste such as Used oil, Discarded containers/drums, shall be handled & disposed as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016 as follows:

Type of Waste	Waste Category as per H.W. Rules, 2016				Mode of Disposal
		Existing	Proposed	Total After Expansion	
ETP Sludge	35.3	120	300	420	Collection, storage and disposal at CTSDf site.
MEE Salt	35.3	0	108	108	Collection, storage and disposal at CTSDf site.
Inorganic Salt	35.3	0	1200	1200	Collection, storage and disposal at CTSDf site.
Process Residue / Distillation Residue / Expiry Medicine.	28.1	0	360	360	Collection, storage and disposal at CTSDf site
Used / Spent Oil	5.1	0	6	6	Collection, storage and sell to registered recycler.
Discarded Bags/ Drums/ Containers	33.1	2.5	17.5	20	Collection, storage and sell to authorized vendor
Off Specification Product	28.4	0	6	6	Collection, storage and disposal at CTSDf site

3. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
4. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.

5. 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.
6. 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.
7. 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.
8. 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.
9. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
10. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
11. 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.
12. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
13. ETP sludge, process inorganic salt shall be disposed off to the TSDF.

(G) Green Belt

1. The green belt of 5-10 m width shall be developed near the total 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

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growing with thick canopy cover preferably of perennial green nature. As proposed in the presentation 34803.12 m² area which will be 33% of total land area of project. PP will also make necessary arrangements for the causality replacement and maintenance of the plants as per the following plantation scheme submitted by PP:

Description	Qty.	Location
Neem	500	Boundary Wall
Putran Jeeva	500	Boundary Wall
Amaltash	500	Road Main Gate - Admin Block
Ficus Venjamin	500	Around Admin Block, road & lawn
Satparni	250	Around Admin Block, road & lawn
Ashoka Tree		
a. Polyalthia	1800	Around Admin Block, lawn and around boundary limit (backside of the site)
b. Sita Ashok	200	
Mehandi	250	Around Boundary Wall
Champa	500	Around production area
Kachnar	250	Around production area

(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

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- 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 & CER

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

Need Based CER activities along with Budgetary Allocation and it's Implementation Schedule					
S. N.	Activities	Budgetary Provision In Lacs (Capital)	1 st Year	2 nd Year	3 rd Year
1	Green Belt Development inside the Smart Industrial Park and maintenance of the same for 5 years in consultation with MPIDC, RO, Indore through Forest Department.	20,00,000	7,00,000	7,00,000	6,00,000
2	Provision for donation of Medical Equipments such as Boylles Apparatus, Shadowless LED lamp for OT, Split AC 1.5 Ton, Multipara Monitor, ECG machine with report, Autoclave Vertical 50 liter, Fogger Machine, Radiant Warmer, Crash Cart at nearby Public Health Center (PHC) Pithampur.	4,31,000	-	3,31,000	1,00,000

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2.	The c	3.	Provision for donation of Medical Equipments at nearby Public Health Centers (PHC) at Nalcha, Sardarpur, Digthan and Bagdi.		2,00,000	2,00,000	1,00,000
		4	Awareness program for offsite emergency at nearby locations.	1,50,000	50,000	50,000	50,000
		5	Development of Bio-diversity garden, medicinal plants garden and other activities as suggestwd by Registrar of Dr. B.R. Ambedkar University through forest department at Dr. B.R. Ambedkar University of Social Sciences University (BRAUSS) near Ambedkar Nagar, M.P., for green area development of university.	17,19,000	8,00,000	8,00,000	1,19,000 (for maintenanc e)
			Total	Rs 48.0 Lacs	17,50,000	20,81,000	09,69,000

c

ompany 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.

3. 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.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 130.25 lakhs and 35.0 lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 15.0 lakhs and Rs. 20.0 lakhs is proposed for green belt development.
6. Under CER activity, capital cost is Rs. 48.00 lakhs proposed for different activities.
7. 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

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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.

8. 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.
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 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 9133/2022 M/s DCM Nouvelle Specality Chemicals Ltd, 407, Vikrant Tower, 04, Rajendra Place, New Delhi, Prior Environment Clearance for Pharmaceutical Intermediate and API Production at Plot No. 91, 92, 93 in DMIC, Vikram Udhyogpuri, Dist. Ujjain (MP). Cat. 5(f), Env. Consultant:- M/s. ENVISOLVE LLP, Indore M.P.

This is case Prior Environment Clearance for Pharmaceutical Intermediate and API Production at Plot No. 91, 92, 93 in DMIC, Vikram Udhyogpuri, Dist. Ujjain (MP). Cat. 5(f) Synthetic Organic Chemicals Industry (Dyes & Dye Intermediates) Project.

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The case was presented by the Shri Shubham Dubey, Env. Con. from M/s. ENVISOLVE LLP, Indore (M.P.) on behalf of PP and during presentation following details were provided:

S. No.	Particulars	Details
1.	Locations	
	Village	DMIC-Vikram Udyogpuri Industrial Area
	Tehsil	Ujjain
	District	Ujjain
	State	Madhya Pradesh
2.	Latitude	23° 5'35.15"N
	Longitude	75°56'16.47"E
3.	General ground level	Highest elevation – 525 m Lowest elevation- 521 m
4.	Nearest Highway	SH- 18 State Highway (Dewas- Ujjain)
5.	Nearest Railway Station	Karchha railway station: 1 Km Ujjain Junction: 12 km
6.	Nearest Airport	Devi Ahilyabai Holkar Airport, Indore at an approximate distance of 42.69 km towards SW.
7.	Nearest Village	Karchha at an approximate distance of 1.00 km towards SSE
8.	Nearest River	Kshipra River at an approximate distance of 7.43 Km

- M/s. DCM NOUVELLE SPECIALTY CHEMICALS LIMITED is a large -scale proposed manufacturing facility located at Plot No. 91, 92 & 93 DMIC- Vikram Udyogpuri Industrial Area in an area of total 86325.5 m².
- This is a green-field API & Intermediate manufacturing unit.
- Project Proponent is having 86325.5 m² of land under DMIC- Vikram Udyogpuri Industrial Area approved by MPIDC.
- DMIC- Vikram Udyogpuri has already received environment clearance from MPSEIAA in 2014.
- The total fixed cost of the project is estimated as INR 200 Cr.
- The following industries are operating in the nearby adjacent areas.
 - M/s J.K. Lifecare Pvt. Ltd.
 - M/s Shriniwas Pharma Private Limited.
 - M/s Angeel Oak Private Limited.

During presentation, it was observed that the location uploaded online is a bit different then what is provided in the presentation for which PP submitted that after demarcation,

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MPAKVN has changed the location. Committee recommended that for this PP shall obtain a conformation letter from MPAKVN and same shall be annexed with the EIA report. PP submitted that baseline Monitoring have been already started at the study area as per standard TOR from 08th March – 08th June 2022. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D:

1. PP should provide entire product mix in the EIA report.
2. During presentation, it was observed that the location uploaded online is a bit different then what is provided in the presentation for which PP submitted that after demarcation, MPAKVN has changed the location. Committee recommended that for this PP shall obtain a conformation letter from MPAKVN and same shall be annexed with the EIA report.
3. Detailed plant layout on A3 size map.
4. All process details with mass balance shall be discussed in the EIA report.
5. Landuse pattern obtained from competent authority shall be discussed in EIA report.
6. How project will become “Zero Liquid Discharge” shall be discussed in the EIA report with complete details of treatment scheme, their various details and odour nuisance.
7. Provision for compatible storage of raw materials and finish products shall be studied and discussed in the EIA report.
8. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
9. Details of solvents and their recovery plan should be discussed in the EIA report.
10. VOC should be monitored in the AAQ.
11. All MSDS should be provided with the EIA report.
12. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
13. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
14. PP should explore possibility of using Biofuel based technology in boilers.
11. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with

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the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

12. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.

4. Case No 9135/2022 M/s Headway Life Sciences Pvt. Ltd, E-3/185, Arera Colony, Dist. Bhopal, MP - 46201 Prior Environment Clearance for Bulk Drugs & API Production having capacity of 200 TPA at Khasra No. 298/2, 298/3/2 at Village - Barla, Tehsil & Dist. Raisen, (MP) Env. Consultant:- M/s. ENVISOLVE LLP, Indore M.P. Consultant: M/s. Creative Enviro Services, Bhopal

This is case Prior Environment Clearance for Bulk Drugs & API Production having capacity of 200 TPA at Khasra No. 298/2, 298/3/2 at Village - Barla, Tehsil & Dist. Raisen, (MP).

The case was presented by the Shri Shubham Dubey, Env. Con. from M/s. ENVISOLVE LLP, Indore (M.P.) and their consultant and during presentation following details was provided:

S.N.	Component	Status
1	Name	M/s. Headway Life Sciences private limited
2	Location	Khasra no.298/2/2,298/3/2, village-Barla District – Raisen, Madhya Pradesh 464551
3	Product type	Basic bulk drug, drug intermediates and fine chemicals.
4	Project Type	New project
5	Schedule / Project Activity No. - as per EIA notification	5 (f) Synthetic Organic Chemicals
6	Category of Project	MSME
7	Area Details in Sq Meter	
i	Total Plot Area	28510 m²
iii	Green belt Area	Approx. 33 % land area is allocated for green belt
8	Production Details	
i	Production Capacity	Production Capacity of API & Pharmaceutical Intermediates, proposed (API & Pharmaceutical/ Drug Intermediates) and related products with

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		production capacity of 200 TPA.	
9	Budgetary Allocation		
i	Project Cost	2,591.39 Lakhs	
ii	EMP Cost		
	Capital cost	225 Lacs	for EMS viz. ETP, MEE, APCM etc
	Annual recurring cost	36 Lacs	for EMS - O&M and monitoring etc
10	Power Requirement		
ii	Total Power Requirement	500 KW	
iii	Source	MPSEB	
S.N.	Component	Status	
11	Fuel Requirement		
A	Proposed		
i	Agro Waste for Boilers (1 TPH)	Agro Briquette (0.9 TPD) or steam coal 0.8 TPD	
ii	HSD for DG Set	DG set 500 KVA & fuel for DG set is HSD 45 Ltr/hr.	
13	Utility Capacity		
		Capacity	Type of fuel
ii	Proposed Steam Boiler	1.0 TPH	Agro Waste /Briquette
iii	Thermo pack	4.0 Lakh K/Cal.	
14	Scrubber Details		
i	Acid scrubber	25 CMH	
ii	Alkali Scrubber	25CMH	
15	Stack Details		
i	Boiler Stack/Thermo pack	300 MM DIA.X 30 M HEIGHT (FOR 1000KG/HR)	
ii	Scrubber Stack	12 m which is higher	
	D.G. Set- 500 kVA	5 meter	
16	Man Power		
i	Construction phase	100	
	Operation phase	65-100 workers per day	

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- M/s. Headway Life Sciences Pvt Limited (HLSPL) is proposed medium scale manufacturing facility to be located at khasra No 298/2/2, 298/3/2, village Barla tehsil Sanchi and District Raisen (MP).
- Proposed production capacity of API/Bulk Drug & Intermediates will be 200 TPA MT/Annum.
- The project occupies a plot Area of 28510 m² of land. The total fixed cost of the project is estimated as INR 2591.39 lacs
- The major facilities will be Boiler, MEE, Reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plant. Facilities like administrative office, parking and greenbelt/plantation will also be developed as per plan/requirement. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Total raw water requirement for the proposed project will be 45 KLD fresh and after recycling of 21.5 KLD, the fresh water requirement will be 23.5 KLD. The water will be sourced from Ground water resources
- The total wastewater generation from the domestic source will be 0.5 KLD and industrial wastewater generation will be 25 KLD. Process effluent will be segregated into concentrated effluent stream 6.5 KLD and normal effluent stream (19.0 KLD).
- 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). The unit will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules.

During discussion it was observed that the allotted land is not in industrial area. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D:

1. PP should provide entire product mix in the EIA report.
2. During presentation, it was observed that the location uploaded online is a bit different then what is provided in the presentation for which PP submitted that after demarcation, MPAKVN has changed the location. Committee recommended that for this PP shall obtain a conformation letter from MPAKVN and same shall be annexed with the EIA report.
3. Detailed plant layout on A3 size map.
4. All process details with mass balance shall be discussed in the EIA report.
5. Landuse pattern obtained from competent authority shall be discussed in EIA report.

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6. How project will become “Zero Liquid Discharge” shall be discussed in the EIA report with complete details of treatment scheme, their various details and odour nuisance.
7. Provision for compatible storage of raw materials and finish products shall be studied and discussed in the EIA report.
8. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
9. Details of solvents and their recovery plan should be discussed in the EIA report.
10. VOC should be monitored in the AAQ.
11. All MSDS should be provided with the EIA report.
12. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
13. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
14. PP should explore possibility of using Biofuel based technology in boilers.
13. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
14. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.

5. Case No 9136/2022 M/s Coromandel International Ltd, Khasra No. 413A, Industrial Area, Nimrani, Dist. Khargone, MP - 451660, Prior Environment Clearance for Capacity Expansion of Existing Fertilizer and Agri Inputs Manufacturing Plant at Khasra No. 407/1, 406/2, 404/2, 406/1, 424/1, 412, 424, 425, 422, 413/2, 409/2, 410/2, 407/2, 409/3, 410/3, 431, 434, 435/1, 435/2, 427, 428, 186, 189, 185, 191, Village - Nimrani, Dist. Khargone, MP. Production Capacity (Total after Expansion) SSP – 600 TPD to 1200 TPD Existing GSSP Plant 1- 600 TPD New GSSP Plant 2- 600 TPD, Category 5 (a), Chemical fertilizer. Cat. 5(a), Env. Consultant:- M/s. ENVISOLVE LLP, Indore M.P.

This is case Prior Environment Clearance for Capacity Expansion of Existing Fertilizer and Agri Inputs Manufacturing Plant at Village - Nimrani, Dist. Khargone, MP. Category 5 (a), Chemical fertilizer.

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The case was presented by the PP and their consultant Env. Consultant M/s. ENVISOLVE LLP, Indore M.P. PP submitted that:-

- The proposed project is expansion of operational chemical fertilizer plant in the Industrial Estate. The land use has already been changed to industrial use. Additional industrial land is not proposed in the expansion. Hence no further change in land use is required. The Industry is manufacturing Single super phosphate (GSP) granulated Single super Phosphate (GSSP) fertilizers in the unit. Some more fertilizers along with expansion of existing fertilizer Plant are proposed in Expansion phase. 6.84 Hect of total land area has been developed as fertilizer industry. No other area will be added in further expansion.
- Currently industry is engaged in the production of the products with the sanctioned quantity as per the Consent to Operate .The project was earlier granted Environmental Clearance Certificate from MPSEIAA to the company earlier in 2014 known as M/s Liberty Urvatek Limited which was then changed to M/s Coromandel Fertilizers Limited.

S. No.	Particulars	Details
1.	Locations	
	Village	Nimrani
	Tehsil	Nimrani
	District	Khargone
	State	Madhya Pradesh
2.	Latitude	22°7'41.47"N
	Longitude	75°27'22.24"E
3.	General ground level	Highest elevation – 547 m Lowest elevation- 526 m
4.	Nearest Highway	AB Road National Highway
5.	Nearest Railway Station	Barwaha Railway Station at an approximate distance of 61.55 km towards NE
6.	Nearest Airport	Devi Ahilyabai Holkar Airport, Indore at an approximate distance of 75 km towards N
7.	Nearest Village	Nimrani at an approximate distance of 1.00 km towards SSE
8.	Nearest River	Narmada River at an approximate distance of 2.5 Km

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- M/s. M/s Coromandel Fertilizer Limited is medium -scale manufacturing facility located at Agra-Bombay Road, Village- Nimrani, Khargone, Madhya Pradesh- 451569. in a area of total 3.1617 Hect.
- Unit is currently engaged in manufacturing of SSP 600 TPD & GSSP 600 TPD.
- Project Proponent is having 3.1617 hectare of land which is possession and diverted for industrial purposes.
- The company has received valid water consent, air consent & authorization for hazardous. Waste from MPPCB and meeting all the general and special conditions as desired by MPPCB.
- The total fixed cost of the project is estimated as INR 36.525 Cr.
- The following industries are operating in the nearby adjacent areas.
M/s Khaitan Fertilizer & Chemicals Limited.
M/s Shrivarad Polyfab Private Limited.
M/s Adani Wilmar Limited.
- In light of above facts, organization is seeking environmental clearance from the State Environment Impact Assessment Authority, Bhopal for the upcoming SSP/GSSP Plant expansion at Nimrani, (M.P.).
- Baseline Monitoring have been already started at the study area as per standard TOR from 2nd March 2022 – 2nd June 2022.

Quantity and Products Detail for Existing and Expansion Units

S. No.	Plant / Quantity/ Products	Capacity (MTPD)		
		Existing	Proposed	Total
	SSP Plant – 01			
	a) Single Super Phosphate			
	b) Boronated Single Super Phosphate - 16% P ₂ O ₅ (Powdered)	600	600	1200
	c) Boronated Single Super Phosphate- 16% P ₂ O ₅ (Granular)			
	d) Zincated SSP-16% P ₂ O ₅ (Powdered)			
	GSSP Plant – 01			
	i) Granulated SSP fortified with Boron and Zinc	600	Nil	600
	GSSP Plant – 02			
	i) Granulated SSP fortified with Boron and Zinc	Nil	600	600

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	GSSP- (01 +02)	600	600	1200
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After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D:

- Being expansion, certified compliance report of previous EC conditions from the competent authority shall be submitted.
- Detailed plant layout on A3 size map.
- All process details with mass balance shall be discussed in the EIA report.
- Landuse pattern obtained from competent authority shall be discussed in EIA report.
- How project will become “Zero Liquid Discharge” shall be discussed in the EIA report with complete details of treatment scheme, their various details and odour nuisance.
- Provision for compatible storage of raw materials and finish products shall be studied and discussed in the EIA report.
- Worst case scenario w.r.t. waste water and wastes should be submitted.
- All MSDS should be provided with the EIA report.
- Total quantity of H₂SO₄ (98%) required for proposed expansion and how storage of acid is proposed shall be discussed in EIA report.
- MSDS of all hazardous materials shall be annexed with EIA report.

6. Case No 9134/2022 Shri Niranjana Dawar, Owner’ Village - Loni, Tehsil - Manawar, Dist. Dhar, MP - 454001 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (15,000 cum per annum) (Khasra No. 239/4), Village - Pipliya, Tehsil - Manawar, Dist. Dhar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 239/4), Village - Pipliya, Tehsil - Manawar, Dist. Dhar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 06/05/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए । परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा,

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वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. एवं ई.एम.पी. प्रस्तुत की गई। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर, (खजिन शाखा) एकल प्रमाण पत्र क्रमांक 469 दिनांक 29/03/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में अन्य कोई खदान स्वीकृत/संचालित नहीं है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के उत्तर-पश्चिम दिशा में 500 मीटर पर रोड़ एवं दक्षिण-पश्चिम दिशा में 125 मीटर पर जल रोकने की संरचना है। खदान क्षेत्र Undulating है जिसमें ट्रेंच खुदे हुए हैं तथा उसमें से 02 मौसमी नालें (उत्तर क्षेत्र तथा दक्षिण क्षेत्र) निकल रहे हैं। परियोजना प्रस्तावक ने बताया कि इनको चेकडेम, गारलेण्ड ड्रेन एवं सेटलिंग से चैनलाइज किया जायेगा तथा बेरियर जोन में स्थित ट्रेंचों में वृक्षारोपण किया जायेगा। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण एवं सी.ई.आर. योजना।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 06/05/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन- 15,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 16.20 लाख एवं रिकरिंग राशि रु. 01.80 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.90 लाख :-

क्रमांक	प्रस्तावित गतिविधि	राशि (रु.)
1.	ग्रामीणों को सोलर कुकर उपलब्ध कराना। (रु.500 X 60 परिवार)	30,000
2.	पिपलीया और खरगोन गांवों में मुख की स्वच्छता, मधुमेह और रक्तचाप जैसी बीमारियों के लिए जागरूकता शिविर।	60,000/-
	कुल	90,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :

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क्रमांक	पौधों का प्रस्तावित स्थान	पौधों के नाम	मात्रा
1	हरित पट्टी (7.50 मीटर बेरियर ज़ोन में तीन लाइनों में किया जायेगा)	नीम, सीताफल, पीपल, कचनार, करंज, कदम, चिरोल, जंगल जलेबी, सिस्सो आदि।	800
2	पट्टा क्षेत्र के बाहर अप्रोच रोड (1000 मी) के दोनों ओर 4 फीट की उचाई वाले पौधे लगाए जायेंगे ट्री गार्ड के साथ में	नीम, पीपल, कचनार, करंज, कदम, चिरोल, अशोक आदि	500
.3	ग्रामीणों में पौधों का वितरण	आम, जामुन, अमरूद, आंवला, अनार, निम्बू, इमली, कटहल, आदि	3500
Total			4800

7. Case No. - 9061/2022 The Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Khandwa, MP,) Prior Environment Clearance for Aulliya Medium Irrigation Project at Village Roshani/Aulliya, Distt. - Khandwa, (M.P.) CCA – 5000 ha.Cat. 1(c) River Valley Projects. Env. Consl.: M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon.

This is case of Prior Environment Clearance for Aulliya Medium Irrigation Project at Village - Roshani / Aulliya, Tehsil & Dist. Khandwa, (MP).

Background of the project:

The above case file was placed before the committee for discussion in the SEAC 514th Dated 21.09.2021. During scrutiny of case file it was observed by the committee that TOR was recommended in 297th SEAC meeting dated 08-11-17 which was subsequently approved by SEIAA in their 456th meeting dated 16-11-17. However, so far PP has not submitted the EIA report and as per issued TOR letter no 544 dated 13/12/17, TOR will expire on 07/11/21 but its validity can be extended for one year. Committee further observed that a WP (No. 6240/2021) has been filled by the petitioners wherein SEIAA, WRD and Land Acquisition Officer have been made respondents. On perusal of petition in the “Relief Prayed For”, it is observed that mainly two issues are raised by the petitioners i.e. illegal construction of dam and issues related to R&R from respondents no. 02 & 03.

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Committee deliberated on the issue and recommends that being rainy season the dam site may not be approachable and thus on the basis of issues mentioned in WP, SEIAA initially shall obtain factual status about the dam construction without environmental clearance (as reported by the petitioners in WP No. 6240/2021) from E.E., Water Resource Division, Khandwa (PP) & Chief Engineer, Narmada Tapti Basin, WRD, Indore as they also have filed reply in this case as respondent no.02. Secondly, for site verification (if required after obtaining status report as above), visit shall be carried out by a joint team comprising of following expert members:

1. Representative from Ministry of Environment, Forest and climate Change, Regional Office, Bhopal.
2. Representative from Central Pollution Control Board, Zonal Office, Bhopal.
3. Expert Member from SEIAA.
4. Expert Member from SEAC.
5. Representative from District Administration Department.
6. Representative from office of the Executive Engineer Water Resources Department, Water Resources Division, Khandwa, M.P., as Co-ordinator.

Committee decided that as submitted above case file may be sent to SEIAA for kind consideration of submission made above and to take necessary action.

The case was discussed in SEIAA in their 689th Meeting dated 21/10/21 wherein it is recorded that Representative of PP was present during the meeting and informed that a team of Senior Officials of the WRD Department will visit to get a factual report of the Project Site & submit the same in SEIAA. Hence, it is decided after monsoon period a team of expert members of the SEAC may also visit the site by coordinating with WRD officials and assess factual status of the site, so that authority can take decision accordingly.

The case was scheduled in the in the agenda in the SEAC 529th meeting held on Dated 24.11.2021 wherein PP remains absent. Committee observed that as per the minutes of SEIAA, senior Officials of the WRD Department have been instructed to visit the site and submit a factual report of the Project site however, till date no such report is received. Committee after deliberation recommends that Senior Officials of the WRD Department shall visit the site as early as possible and submit the factual report about the project site and present the same before SEIAA and SEAC.

The case was scheduled for the discussion in the 541st SEAC meeting dated 20.01.2022 on Aulliya Medium Irrigation Project at Village Roshani/Aulliya, Distt. - Khandwa, (M.P.) CCA – 5000 ha., Cat. 1(c) River Valley Projects , wherein Shri P. Joshi , S.E.,

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Indore Region & Project Incharge Smt. Megha Chourey, E.E., Division Khandwa and Smt. Divayani Billore E.E. , SCADA Office , Bhopal, from Water Resources Department, Govt. of M.P, were attended the meeting in person or through video conferencing in this meeting. Smt Diwayani Billore E.E. , SCADA Office , Bhopal quoted the letter written by Office of the Chief Engineer Narmada Tapti Basin, WRD, Indore, letter of Shri N.N. Gandhi N-T Basin WRD, Indore the letter was also received SEAC through Speed post vide no. 479/work/-26/NT/21, dated 23.11.2021.

Wherein letter stated that –

“Aulliya Medium Irrigation Project is located in Village Roshani of Khalwa Tehsil , Distt. – Khandwa. It is proposed on River Ghorapachhar, which is tributary of Chhota Tawa River. The project involve construction of 1782 meters long and 20.80 m high, earthen dam which is 72.50 m central spill way . It is proposed to irrigate a command area of 5000 ha. For which Administrative approval of Rs. 165.08 Crores to was accorded to the project in June 2017.

Under Resettlement & Rehabilitation (R&R) - the project involves a total of 384.442 ha. of private land under submergence. Land acquisition for the same has been carried out as per provisions of RFCTLAR Act 2013. The R&R has been completed for 90% of the area under submergence. Process is underway to complete acquisition of the remaining 10% area mainly due to ownership disputes.

Forest Clearance: The project involves 54.60 ha. of forest land submergence. Both Stage1 & Stage 2 clearances for the same have been obtained from MoEF&CC. The project pertains to Cat. 1(c) , Category B of the EIA notification 2006 as the CCA is less than 10,000 ha. Also , the EMP report was submitted to SEIAA.

Present status of the project: Aulliya Medium Irrigation Project involves construction of 25.50 m high & 1805 m long earthen dam with a 72.50 m long central spillway portion. The project also involves construction of pressurised pipe irrigation network to irrigate 6703 ha. of command area in Khalwa Tehsil of Khandwa Distt.

At present, earth work has been carried out in 1693.50 lengths of left and right flanks of proposed dam. This work has been done non- overflow section. A sluice well has been constructed on RD 1605 m for discharge of River water. Construction work of spillway in nalla portion was restricted at original river bank level to maintain natural flow of water. Nalla closure has not been done. At present no work

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is being done in head works. The laying of pipelines for pressurized irrigation system in the command area is under process.

Conditions under which work was started:

- *Water demand by farmers & villagers due to water scarcity in the command area .*
- *In compliance of guideline issued by GoI during COVID- 19 pandemic to provide employment to migrant labours under MNREGA.*
- *It is project of public utility with absolutely no personal or private interest involve.*
- *The project provides immense socio-economic benefits to the ST population of entire command.*
- *It is pertain to mention that nalla closure has not been done and flow of the river has not been obstructed.*
- *The project authorities have assured that nalla closure and impounding of the dam has not been in anticipation of impeding Environmental Clearance.*

The committee after detailed discussion it was observed that the as per factual status submitted by Office of the Chief Engineer Narmada Tapti Basin, WRD, Indore, vide letter No. vide no. 479/work/-26/NT/21, dated 23.11.2021 of Shri N.N. Gandhi, Chief Engineer, N-T Basin WRD, Indore. As per the submitted report By C.E. WRD, it is very much clear that they have carried out the partial construction work.

“Earth work has been carried out in 1693.50 lengths of left and right flanks of proposed dam. This work has been done non- overflow section. A sluice well has been constructed on RD 1605 m for discharge of River water. Construction work of spillway in nalla portion was restricted at original river bank level to maintain natural flow of water. Nalla closure has not been done. At present no work is being done in head works. The laying of pipelines for pressurized irrigation system in the command area is under process.

So, as per the submitted report by Office of the Chief Engineer Narmada Tapti Basin, WRD, Indore, vide letter No. vide no. 479/work/-26/NT/21, dated 23.11.2021 of Shri N.N. Gandhi, Chief Engineer, N-T Basin WRD, Indore, factual status is very much clear so committee feels there is no need of further site visit is required.

In this context PP should furnished implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation

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plan as mentioned in the MOEF&CC Notification New Delhi, the 8th March, 2018 S.O. 1030 (E) and submit present status of court direction through SEIAA.

SEIAA in their meeting dated 14-02-22 closed this case with direction to PP as “PP should apply afresh as per procedure laid down in the MoEF&CC’s OM vide no. E 138949 dated 28.01.2022 & OM regarding SoP dated 07.07.2021. The SoP has come into force and the violation projects have to be considered accordingly.” Case closed vides letter no. 3150-51/SEIAA/22 dated 26-02-22.

PP has applied with fresh application which was forwarded online by SEIAA to SEAC for appraisal. The committee observed that in the 541st SEAC meeting dated 20.01.2022 it was recorded that -

The committee after detailed discussion it was observed that the as per factual status submitted by Office of the Chief Engineer Narmada Tapti Basin, WRD, Indore, vide letter No. vide no. 479/work/-26/NT/21, dated 23.11.2021 of Shri N.N. Gandhi, Chief Engineer, N-T Basin WRD, Indore. As per the submitted report By C.E. WRD, it is very much clear that they have carried out the partial construction work.

“Earth work has been carried out in 1693.50 lengths of left and right flanks of proposed dam. This work has been done non- overflow section. A sluice well has been constructed on RD 1605 m for discharge of River water. Construction work of spillway in nalla portion was restricted at original river bank level to maintain natural flow of water. Nalla closure has not been done. At present no work is being done in head works. The laying of pipelines for pressurized irrigation system in the command area is under process.

So, as per the submitted report by Office of the Chief Engineer Narmada Tapti Basin, WRD, Indore, vide letter No. vide no. 479/work/-26/NT/21, dated 23.11.2021 of Shri N.N. Gandhi, Chief Engineer, N-T Basin WRD, Indore, factual status is very much clear so committee feels there is no need of further site visit is required.

In this context PP should furnished implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan as mentioned in the MOEF&CC Notification New Delhi, the 8th March, 2018 S.O. 1030 (E) and submit present status of court direction through SEIAA.

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Hence, this case scheduled for praesentation wherein Mr. Ravinder Bhatia, Env. Consultant from M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon along with PP's as Project Incharge Ms. Megha Chourey, E.E., Division Khandwa and Ms. Divayani Billore E.E. , SCADA Office , Bhopal, from Water Resources Department, Govt. of M.P, and M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon, wherein PP submitted following points:-

- The proposed Aulliya medium irrigation project has been planned to meet the drinking and irrigation water requirement of 13 villages falling in Khalwa tehsil of Khandwa district.
- The project is designed to serve a culturable command area of 5000 ha through lift irrigation during rabi season.
- To meet the water storage requirement, the project envisaged construction of a 1782 m long and 20.80 m high dam across Ghorapachhar river near Roshni village. This will create gross storage capacity of 26.246 MCM and live storage of 22.199 MCM.
- The project is being implemented and operated by Water Resources Department, Madhya Pradesh.
- Being an irrigation project with 5000 ha CCA, the project is covered under EIA notification, 2006 and prior environment clearance is applicable (Category B2).
- Scoping clearance was accorded by SEIAA (Case No. 5584/2017) vide their letter number 544/PS-MS/MPPCB/SEAC/TOR(297)/2017 dated 13/12/2017.
- Hard copy of EMP report of the project was submitted vide letter dated 02.11.2018. EMP report was submitted online vide proposal no. SIA/MP/ RIV/ 167713/2020 dated 07.01.2021. Essential details for the project (EDS) was further sought by SEIAA on 17.03.2021. Finally hard copy of EMP report was again submitted to SEIAA office personally by the EE, WRD on 24.07.2021.
- Construction work at site started before obtaining prior environment clearance and therefore it is considered a case of violation as per EIA notification, 2006 including various amendments.
- Till January 2021, when the work was halted at site substantial work has been completed.
- Ministry of Environment Forests & Climate Change vide its OM dated 28/01/2022, has reinstated the Standard Operating Process (SOP) as per the order dated 09/12/2021 of Hon'ble Supreme Court of India.
- Aulliya Medium irrigation Project falls under permissible project under EIA notification (Para 11, Step 3, Para B of SOP), therefore, Terms of Reference is requested.

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Committee recommends SEIAA to initiate action under section 15 of the Environment (Protection) Act, 1986 through competent authority as per step 2 of MoEF&CC OM dated 07/07/21.

Committee also recommended to issue additional TOR as per OM F. No. 22-21/2020-IA.III dated 07.07.2021 & Notification S. O. 1030 (E), dated 8th March, 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

1. Status report of constriction and development work done so far.
2. Furnish details of CO₂ emission & quantification from different sources as DG sets and their management plan w.r.t. carbon foot print.
3. Project description, its importance and the benefits.
4. Under energy conservation plan detail-out solar light erection panels.
5. Project site detail (location, toposheet of the study area of 10 Km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
6. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
7. Land acquisition, R & R details; does issues of R&R appeared in H'ble High court has been resolved - status their of ?
8. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
9. Baseline environmental study for ambient air (PM10, PN2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
10. Details on flora and fauna and socio-economic aspects in the study area.
11. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
12. Sources of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
13. Waste water management (treatment, reuse and disposal) for the project and also the study area

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14. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
15. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
16. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
17. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
18. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
19. Comprehensive Plantation scheme shall be discussed in EIA report.
20. Status of court case till date with all supporting document.
21. Dam breack analysis shall be carried out.
22. Details of tree cutting proposed with their details inventory in forest area.
23. Details of trees to be felled in revenue area and how this issue will be adreesed shall be discussed in the EIA report.

Present status:

In the 560th SEAC meeting dated 12-03-22 Committee recommends SEIAA to initiate action under section 15 of the Environment (Protection) Act, 1986 through competent authority as per step 2 of MoEF&CC OM dated 07/07/21.

Committee also recommended to issue additional TOR as per OM F. No. 22-21/2020-IA.III dated 07.07.2021 & Notification S. O. 1030 (E), dated 8th March, 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

Vide SEIAA letter no. 78 dated 09.04.2022 requested Member Secreary, M.P. Polltion Control Board, Bhopal to take action under section 15 of the Environment (Protection) Act, 1986 per per MoEF&CC's O.M. dated 07/07/21.

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Further, PP has submitted the EIA report on line which was forwarded by SEIAA and the same was scheduled in the agenda.

Hence, this EIA was scheduled for presentation wherein Mr. Ravinder Bhatia, Env. Consultant from M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon along with PP's as Project Incharge Ms. Megha Chourey, E.E., Division Khandwa and Ms. Devyani Billore E.E. , CADA Office , Bhopal, from Water Resources Department, Govt. of M.P, wherein PP submitted following points:-

- PP Started the work onsite without prior EC under EIA notification, 2006.
- Dam construction has been completed up to 80%, pump house up to 90%, Rising Main and Gravity main network fully completed and distribution network completed up to 85%.

The EIA was presented by the PP and their consultant, wherein PP has briefed about the salient features of EIA study:

- Aulliya Irrigation project has been conceived by Water Resources Department, Madhya Pradesh. The Project is proposed on Ghorapachhar river near Village Roshni, Tehsil Khalwa of District Khandwa.
- W.R.D. Madhya Pradesh, has started construction work at site without obtaining prior environment clearance and therefore it is considered a case of violation as per EIA notification, 2006 including various amendments. A status report of the work done at site has been prepared by WRD and submitted to SEAC. The current status is as follows:
 - ✓ Dam construction has been completed up to 80%, pumphouses up to 90%, Rising Main and Gravity main network fully completed and distribution network completed up to 85%.
 - ✓ Earth work has been carried out in 1693.50 lengths of left and right flanks of dam on non- overflow section.
 - ✓ A sluice well has been constructed on RD 1605 m for discharge of River water. Construction work of spillway in nalla portion was restricted at original river bank level to maintain natural flow of water.
 - ✓ Nalla closure has not been done.
 - ✓ At present no work is being done in head works.
 - ✓ The laying of pipelines for pressurized irrigation system in the command area is under process.

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- The project proposes construction of a 20.80 m high dam across Ghorapachhar River near Roshni village to irrigate a total 5,000 ha of Culturable Command Area (CCA) in Khalwa tehsil of Khandwa district along with water for drinking purposes.
- The project constitutes the following:
 - (i) Construction of 1782 m long Dam with a maximum height of 20.80 m from deepest riverbed level
 - (ii) Storage formed by the construction of Dam will have a Gross storage 26.246 MCM, live storage of 22.199 MCM; Culturable Command Area is 5,000 ha.
 - (iii) Water will be lifted from Pump House located at El. 358.0 m directly by gravity mains with total length of 29.679 km and further will be distributed to the sub distribution network of minors with total length of 536 km.
 - (iv) 20.15 MCM of water will be lifted in this scheme during Rabi season only. Water shall be delivered upto 5 ha chak, beyond which cultivators shall connect their own line and sprinkler system.
 - (v) The scheme is designed for 1.5 MW power requirement for which a 33 KV line will be laid.
 - (vi) A total of 4 villages of Khalwa tehsil will be affected, however no village will involve displacement of families. 329 families of 4 villages will be losing their land due to submergence.
- The free draining catchment area at dam site is 108.208 sq.km. The interceptive catchment and Net catchment area is 11.015 sq km & 97.193 sq km respectively. The water availability at the proposed dam site has been worked out and 75% dependable yield is calculated as 20.870 MCM. The average annual utilization is worked out as 20.151 MCM i.e. 17.17 MCM for Irrigation, 0.63 MCM for drinking water and 2.351 MCM for average annual reservoir evaporation.

Land Requirement:

Total land requirement of 488.493 ha constitutes of:

- Government land: 45.723 ha
- Private land: 388.17 ha
- Forest land: 54.60 ha.

Command Area:

The command area lies on both right and left bank of Ghorapachhar river. Total 13 villages of Khalwa tehsil of Khandwa district will be benefitted.

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Baseline Data:

Environmental baseline status has been ascertained using secondary as well primary data. Secondary data has been presented for meteorology, geomorphology, ground water, cropping pattern, socio-economic parameters etc. Primary data has been collected for soil, surface & ground water, air, noise, traffic and vegetation. Baseline data was collected during field surveys conducted in March-April 2022.

Further, it was observed by the committee that PP has proposed Rs. 2.68 crore as cost of remediation and natural community resource augmentation plan. Following are the remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation:

S. No.	Activities	Total Cost (Rs. In lakh)
1	Fisheries Development	138.00
2	Green Belt Development	17.05
3	Awareness and Training	5.00
4	Disaster Management	24.00
5	Environment Monitoring	14.24
6	Community Augmentation	70.00
Total		268.29

Thus as above, PP has proposed Rs. 268.29 Lakh (including Rs. 70.00 Lakhs as Remediation Cost (community resource augmentation plan) for this project and PP, Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Khandwa, MP,) has proposed to submit a guarantee of Rs. 268.29 lakh towards Remediation Plan. In addition, expenditure already incurred on implementation of EMP is Rs. 59.4859 crore. Under Community Augmentation Plan CAP) the (Rs. 70 lakhs) PP has proposed following activities which shall be completed initial 03 years-:

Focus Area	Nature of Activity	Amount (Rs. in lakh)
Education	Education facilities are adequate in all the 16 villages as all of them have up to senior secondary schools - government as well as private. There is one primary school in each of the 16 villages, which require infrastructure support - repair and maintenance of building, furniture, potable water and toilets. Infrastructure support for existing Schools - one primary school per village for 16 villages @ Rs. 25000.00 per school	4.00

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Focus Area	Nature of Activity	Amount
		(Rs. in lakh)
Health Care	Specialized awareness and health camp twice in a year with the help of local medical officer and Asha workers, which are available in every village @ Rs. 50,000 per camp for 4 years	4.00
	There are two primary health centres in 16 villages located at village Roshni and Ranhai. Infrastructure support is required to improve health care facility in existing PHCs. A lump amount is suggested to be used judiciously with other funds available to ensure improvement in medical infrastructure. it is proposed to provide Rs. 2.5 lakh per PHC for 2 PHCs	5.00
Infrastructure Development	Solar lights in common area in villages - street lights, community centres, village grounds, etc. in consultation with village head in each of the 16 villages @ Rs. 75,000 per village	12.00
Skill Development and Training for improved job opportunities	Skill Training of local youth for Job skills where preference will be given to PAFs; Skill development training needs will be identified and local interested youths will be shortlisted for the training. Training will be provided in ITIs for which cost will be borne by the project. Trained youths will be deployed in various WRD projects - under construction/operational through its various contractors. Lump sum budget for a 4 years period is proposed.	10.00
Environment Conservation	Tree plantation in the command area with consent of farmers in an area of about 12.5 ha (0.25% of the command area) including plantation of local palatable mixture of annual and perennial grass and fodder tree species for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land @ Rs. 80,000 per ha including maintenance for 3 years	10.00
Awareness Program for micro irrigation and agriculture efficiency improvement	Awareness and training of farmers say for 5 WUAs for 5000 ha of 10-12 members to be trained in the first tier, who can further train farmers in their respective WUAs @ Rs. 25,000 per WUA per year for 4 years	5.00
Tribal Development	Local skill upgradation and support for income generation of local artisans	20.00
TOTAL		70.00

During presentation PP submitted that they have obtained FC Clearance and CAT plan is also approved by the forest department. Committee after deliberations and discussion asked PP to submit clarification/commitment in the following points:

- Copy of Stage I and Stage II Forest Clearance.
- Summary of the CAT Plan – total catchment, catchment proposed for treatment, catchment treatment sub water shed location.
- Documents pertain to CAT Plan approval from Forest Department.

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- Documents pertain to Wildlife Conservation Plan approval from competent authority.
- Certificate of competent authority on expenditure incurred till date.
- Catchment area map showing total catchment area, catchment area under forest and catchment area under revenue.

PP submitted the reply on above issues vide letter dated 06/05/2022 and same was placed before the committee. Committee evaluated the reply and found satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Committee after considering the reply recommends that PP may be asked to deposit the guarantee of Rs.268.29 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

Further, this being a violation case for which Ministry of Environment Forests & Climate Change vide its OM dated 28/01/2022, has reinstated the Standard Operating Process (SOP) dated 15/07/2021 as per the order dated 09/12/2021 of Hon'ble Supreme Court of India to deal with the violation cases. Penalty provisions as per para 12 (i) of the notification will be applicable i.e. 1% of the total project cost incurred upto date. PP has submitted a certificate on cost incurred of Rs. 3213.30 lakh. As the operation has not started the penalty provision works out to be Rs. 32.133 lakh.

Stage I Forest clearance for diversion of 54.60 ha has been issued by Ministry of Environment and Forests, Government of India vide its letter dated 03/07/2018. Stage II Forest clearance for diversion of 54.60 ha has been issued by Ministry of Environment and Forests, Government of India vide its letter dated 10/05/2021.

R&R Plan has been prepared and implemented for a total of 329 families (316 PAF's; Submergence area and 13 PAF's; land required for road and infrastructure). Govt. of MP approved total compensation of Rs. 41,86,61,000/- for land acquisition for submergence area and Rs. 52,00,000/- for land compensation for project road and infrastructure in the downstream of dam site. Allocated amount is deposited to District Collector office. Out of 316 PAF's of proposed submergence area, 268 PAF's have received compensation. Compensation to 48 PAF's is yet to paid as these 48 land owners either migrated from the area or there is no dependent after the demise of landowner. Award of Rs. 52,00,000/- (52.0 lakh) is allocated against the 5.2 ha of land acquired for road and other

infrastructure for 13 PAF's from Roshni (4 PAF), Barakunda (1 PAF) and PipliyaBhoju ((8 PAF).Transfer of 5.2 of land to WRD is in process. Construction of building and road was carried out after written consent of landowners.

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 Environment Clearance for Aulliya Medium Irrigation Project at Village Roshani/Aulliya, Distt. - Khandwa, (M.P.) CCA – 5000 ha.Cat. 1(c) River Valley Project Cat. 1(c) River Valley Projects, subject to deposit of Rs. 268.29 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA, Penalty @ 1% of the total project cost incurred upto the date of filling of application i.e. Rs. 32.133 lakh as per clause 12 a.i. of MoEF&CC Notification dated 08/03/2018 and OM dated 07/07/21 and proof of credible action under section 15 read with section 19 of the Environmental (Protection) Act,1986 as per clause 11, step 2 of MoEF&CC OM dated 07/07/21 with following conditions:

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project (if any).
- ii. The project proponent shall obtain clearance from the National Board for Wildlife (if applicable).
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of any schedule-I species in the study area) .
- iv. 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 concerned State pollution Control Board/ Committee
- v. NOC shall be obtained from National Commission of Seismic Design Parameters (NCSDS) of CWC (if applicable).
- vi. Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs. 1,000 crore (if applicable).

II. Air quality monitoring and preservation

- i. Regular monitoring of various environmental parameters viz., Water Quality, Ambient Air Quality and Noise levels as per the CPCB guidelines at designated locations shall be carried out on monthly basis and a detailed database of the same shall be prepared and recorded. This shall be used as a baseline data for post construction EIA / Monitoring purposes.
- ii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed standards.
- iii. Necessary control measures such as water sprinkling arrangements, etc. are to be taken up to arrest fugitive dust at all the construction sites.

III. Water quality monitoring and preservation

- i. Conjunctive use of surface water to be planned in the project to check water logging as well as to increase crops productivity. The field drains shall be connected with natural drainage system.
- ii. Remodeling of existing natural drains (link drains) and connecting them with irrigated land through constructed field drains, collector drains, etc. are to be ensured on priority basis.
- iii. Before impounding of the water, Cofferdams for both at the upstream and downstream are to be decommissioned as per EIA/EMP report so that once the project is commissioned; cofferdam should not create any adverse impact on water environment including the rock mass and muck used for the Cofferdam.
- iv. As the reservoir will be acting as balancing reservoir and there would be fluctuation of water level, efforts be made to reduce impact on aquatic life including impacts during spawning period both at the upstream and downstream of the project
- v. Water depth sensors shall be installed at suitable locations to monitor e-flow. Hourly data to be collected and converted to discharge data. The Gauge and Discharge data in the form of Excel Sheet be submitted to the Regional Office, MoEF& CC and to the CWC on weekly basis
- vi. Mixed irrigation shall be practiced and necessary awareness be given to all the farmers and trained in the use of such systems. Proper crops selection shall be carried out for making irrigation facility more effective.
- vii. On Farm Development (OFD) works like landscaping, land leveling, drainage facilities, field irrigation channels and farm roads, etc. should be taken up in phased manner prior to the start of irrigation in the entire command area. The Command Area Development Plan should be strictly implemented as proposed

in the EIA/EMP report.

IV. Noise monitoring and prevention

- i. All the equipment likely to generate high noise shall be appropriately enclosed or inbuilt noise enclosures be provided so as to meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.
- ii. 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 .

V. Waste Management

- i. Any additional muck generated from remaining activities, will be disposed off at nearby villages with due consent of local administration/gram panchayat. As the pipeline passes along the villages, villages will fall within 1-5 Km along the route of pipeline.
- ii. Solid waste management should be planned in details. Land filling of plastic waste shall be avoided and instead be used for various purposes as envisaged in the EIA/EMP reports. Efforts be made to avoid one time use of plastics.

VI. Green Belt, EMP Cost, Fisheries and Wildlife Management

- i. Under the different heads of Environment Management Plan, it has been proposed to undertake compensatory plantation in an area of total 27.5 ha. – 14 ha., around reservoir periphery and balance 1.0 ha. along road side, near dam site, residential area, etc. 12.5 ha. of plantation is proposed in command area with consent of farmers under community augmentation plan.
- ii. A total of 27.5 ha. of green belt will be developed. Budget has been prepared for plantation and maintenance for 5 years. Detailed plantation scheme will be prepared by implementing agency/ forest department and approved by competent authority. Following species are proposed for plantation:

S. No.	BOTANICAL NAME	LOCAL NAME
Trees		
1	Acacia catechu	Khair
2	Acacia nilotica	Babul
3	Albizzia lebbek	Black siris

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4	Albizzia procera	White siris
5	Anogeissus pendula	Kardhai
6	Annona squamosa	Sharifa
7	Bombax ceiba	Semal
8	Azadirachta indica	Neem
9	Boswellia Serrata	Salai, Kundur
10	Butea monosperma	Palas
11	Phyllanthus emblica	Amla
12	Holoptelea integrifolia	Papri
13	Madhuca longifolia	Mahua
14	Mangifera indica	Aam
15	Oroxylum indicum	Jaimangal
16	Tectona grandis	Sagon
17	Terminalia tomentosa	Saaj
Shrub		
18	Andrographis paniculata	Kiryat
19	Asparagus racemosus	Satawar
20	Vitex negundo	Nirgundi
Grass		
21	Thysanolaena maxima	Phool Bahari

- iii. Plantation at the Dam site on either bank has been proposed for control of erosion and siltation of the stream and aesthetic importance.
- iv. Plantation around the residential and office complex as well as along the roadside on approach roads to dam and office area is also proposed to be done so that greenery is developed. Plantation of avenue, ornamental and fruit trees is proposed in these areas along with the periphery area around residential complex. A total of about 1.00 ha will be developed as green belt around dam, approach roads, office, residential areas etc.
- v. During excavation care will be taken that top fertile soil is kept aside and will not be used for filling the excavated area after laying pipe line. This top soil will be spread on adjoining farming fields with consent of farmers or alternatively will be used for green belt development.
- vi. Based on the recommendation of Cumulative Impact Assessment and Carrying

- capacity study of river basin or as per the ToR conditions or minimum 15% of the average flow of four consecutive leanest months, whichever value is higher, shall be released as environmental flow.
- vii. Detailed information on species composition particular to fish species from previous study/literature be inventoried and proper management plan shall be prepared for in-situ conservation in the streams, tributaries of river and the main river itself for which adequate budget provision be made and followed strictly.
 - viii. Wildlife Conservation Plan prepared for both core and buffer zones shall be implemented in consultation with the local State Forest Department if applicable.
 - ix. To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed along the periphery of the reservoir in multi-layers with local indigenous species in consultation with the local State Forest Department.
 - x. Compensatory forestation programme shall be implemented as per the plan approved.
 - xi. Fish ladder/pass as envisaged in the EIA/EMP report shall be provided for migration of fishes. Regular monitoring of this facility be carried out to ensure its effectiveness.

VII. Human health issues

- i. Resettlement & Rehabilitation plan be implemented in consultation with the State Govt. as approved by the State Govt.
- ii. Budget provisions made for the community and social development plan including community welfare schemes shall be implemented in toto.
- iii. Preventive measures viz. fuming and spraying of mosquito control shall be done in and around the labour colonies, affected villages, stagnated pools, etc. Provisions be made to not to create any stagnated pools to avoid creation of breeding grounds of the vector borne diseases
- iv. 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Labour force to be engaged for construction works shall be examined thoroughly and adequately treated before issuing them work permit. Medical facilities shall be provided at the construction sites.
- vi. Early Warning Telemetric system shall be installed in the upper catchment area of the project for advance intimation of flood forecast.

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- vii. Emergency preparedness plan be made for any eventuality of the dam failure and shall be implemented as per the Dam Break Analysis.

VIII. EMP & CER

- i. PP The Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Khandwa, MP,) has budgeted Rs. 6216.88 Lakh (including Rs. 70.00 Lakhs as Remediation Cost (community resource augmentation plan) for this project. Out of which expenditure of Rs. 5948.59 lakh has already been incurred on EMP.
- ii. The Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Khandwa, MP,)has proposed to submit a guarantee of INR 268.29 Lakhs towards Remediation Plan and Natural & Community Resource Augmentation Plan.
- iii. A budgetary provision of Rs. 6216.88 Lakhs as EMP is made for Environmental Management Plan as capital cost as recurring cost.
- iv. Under Community Augmentation Plan CAP) the (Rs. 70 lakhs) PP has proposed following activities which shall be completed initial 03 years-:

Focus Area	Nature of Activity	Amount
		(Rs. in lakh)
Education	Education facilities are adequate in all the 16 villages as all of them have up to senior secondary schools - government as well as private. There is one primary school in each of the 16 villages, which require infrastructure support - repair and maintenance of building, furniture, potable water and toilets. Infrastructure support for existing Schools - one primary school per village for 16 villages @ Rs. 25000.00 per school	4.00
Health Care	Specialized awareness and health camp twice in a year with the help of local medical officer and Asha workers, which are available in every village @ Rs. 50,000 per camp for 4 years	4.00
	There are two primary health centres in 16 villages located at village Roshni and Ranhai. Infrastructure support is required to improve health care facility in existing PHCs. A lump amount is suggested to be used judiciously with other funds available to ensure improvement in medical infrastructure. it is proposed to provide Rs. 2.5 lakh per PHC for 2 PHCs	5.00
Infrastructure Development	Solar lights in common area in villages - street lights, community centres, village grounds, etc. in consultation with village head in each of the 16 villages @ Rs. 75,000 per	12.00

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Focus Area	Nature of Activity	Amount
		(Rs. in lakh)
	village	
Skill Development and Training for improved job opportunities	Skill Training of local youth for Job skills where preference will be given to PAFs; Skill development training needs will be identified and local interested youths will be shortlisted for the training. Training will be provided in ITIs for which cost will be borne by the project. Trained youths will be deployed in various WRD projects - under construction/operational through its various contractors. Lump sum budget for a 4 years period is proposed.	10.00
Environment Conservation	Tree plantation in the command area with consent of farmers in an area of about 12.5 ha (0.25% of the command area) including plantation of local palatable mixture of annual and perennial grass and fodder tree species for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land @ Rs. 80,000 per ha including maintenance for 3 years	10.00
Awareness Program for micro irrigation and agriculture efficiency improvement	Awareness and training of farmers say for 5 WUAs for 5000 ha of 10-12 members to be trained in the first tier, who can further train farmers in their respective WUAs @ Rs. 25,000 per WUA per year for 4 years	5.00
Tribal Development	Local skill upgradation and support for income generation of local artisans	20.00
TOTAL		70.00

- v. As PP's commitment, Bio-diversity conservation plan shall be implemented through Forest Department and optimum funds shall be released. PP will also identify local college and propose development of green belt on the available land under CER.
- vi. The WRD shall have a well laid down environmental policy duly approve by the Board of Directors. A separate Environmental Cell both at the project site and HO level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- vii. 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

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- action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- viii. Post EIA and SIA be prepared for the project through a third party and evaluation report be submitted to the Ministry after five years of commissioning of the project.
 - ix. Multi Disciplinary Committee (MDC) be constituted with experts from Ecology, Forestry, Wildlife, Sociology, Soil Conservation, Fisheries, NGO, etc. to oversee implementation of various environmental safeguards proposed in EIA/EMP report during construction of the project. The monitoring report of the Committee shall be uploaded in the website of the Company.
 - x. Formation of Water User Association/Co-operative be made by involvement of the whole community be ensured for discipline use of available water for irrigation purposes.

IX. Miscellaneous

- i. Considering the shifting of huge volume of muck, which will be generated during the construction phase, project proponent shall construct pucca transportation road(s), from muck generation site(s) to the dumping site(s).
- ii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- iv. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company
- v. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- vi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- vii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

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- viii. 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).
- ix. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- x. 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.

8. Case No. - 5721/2018 M/s Elite Engineers, 48, Narmada Road, Opposite Johnson Towers, Jabalpur, (M.P.). Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 200 kg per hour rotary kiln based bio medical incineration project at Village - Kathonda (Madhotal), Distt. - Jabalpur (M.P.) 7(da) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs). Consultant: M/s Visiontek Consultancy Services Pvt Ltd. Plot No M-22&23, Chandaka Industrial Estate, Patia, Bhubaneswar-751024, Odisha.

This is case of Prior Environment Clearance for expansion in Common Bio Medical Waste Treatment Facility project at Village - Kathonda (Madhotal), Distt. - Jabalpur (M.P.) 7(da) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs). The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant 389th SEAC meeting dated 09.08.2019 wherein PP stated that they have submitted revised form-1, PFR for treatment of $100+100 = 200$ KG/hour (fixed hearth based) with Chimney and effluent treatment plant is proposed and the existing 100 kg/hour kiln will be dismantled. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA.

PP has applied online for amendment in TOR from 200 kg per hour rotary based bio medical incinerator to $200+100=300$ kg per hour static incinerator based bio medical incinerator for expansion as well as modernization in treatment capacities.

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The case was scheduled for the presentation today in 567th SEAC meeting dated 29.04.2022 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings giving last chance and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

प्रकरण आज बैठक क्रमांक 569वीं दिनांक 06/05/22 एवं समिति की पूर्व की 567वीं बैठक दिनांक 29/04/22 प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। समिति द्वारा परियोजना प्रस्तावक को 02 प्रस्तुतीकरण के अवसर दिये जाने के बाद भी परियोजना प्रस्तुतीकरण हेतु उपस्थित नहीं और न ही उनके द्वारा आवेदन प्रस्तुत कर समय चाहा गया है, जिससे स्पष्ट होता है कि परियोजना प्रस्तावक इस प्रोजेक्ट में पर्यावरणीय स्वीकृति संबंधी कार्यवाही करने में रुचि नहीं ली जा रही है। अतः इस प्रकरण को नस्तीबद्ध (Delist) करते हुए सिया को आगामी कार्यवाही हेतु भेजा जाना अनुशंसित है।

9. Case No 9119/2022 Shri Jitendra Shroti, Owner, D-24, Vivek Vihar Colony, Lashkar Grid, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Stone Quarry in an area of 2.591 ha. (50,009 cum per annum) (Khasra No. 1974/2/Min-1, 2082), Village - Daurar, Tehsil - Ghatigaon, Dist. Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by Online SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1974/2/Min-1, 2082), Village - Daurar, Tehsil - Ghatigaon, Dist. Gwalior (MP) 2.591 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज दिनांक 29/04/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 06/05/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. एवं ई.एम.पी. प्रस्तुत की गई। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) एकल प्रमाण पत्र क्रमांक 9070 दिनांक 08/12/21 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में अन्य कोई खदान स्वीकृत/संचालित नहीं है, अतः प्रश्नाधीन

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प्रकरण बी-2 श्रेणी के अंतर्गत आता है। परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के उत्तर-पश्चिम दिशा में 325 मीटर पर आबादी तथा उत्तर-पश्चिम दिशा में 130 मीटर पर प्राकृतिक नाला है। परियोजना प्रस्तावक ने बताया कि प्रस्ताव में गारलेन ड्रेन एवं सेटलिंग टैंक प्रस्तावित है। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण एवं सी.ई.आर. योजना।

परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 06/05/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत किया गया जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन- 50,009 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 17.37 लाख एवं रिकरिंग राशि रु. 05.59 प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.80 लाख :-

प्रस्तावित सी. ई. आर. गतिविधि

क्रमांक	सी. ई. आर. मद में प्रस्तावित गतिविधि	राशि रु में
1	ग्राम दौरार के आंगनवाड़ी केंद्र में पोषण आहार का वितरण	30,000/-
2	ग्राम दौरार के स्कूल में छात्रों को खेल किट का वितरण	30,000/-
3	किसानों को गूगल पेड़ का वितरण और वृक्षारोपण व रखरखाव का प्रशिक्षण	15,000/-
4	ग्राम दौरार में महामारी में आवश्यक सावधानियों के लिए ग्रामीणों को स्वच्छता किट (हैंड सैनिटाइज़र, हैंड ग्लव्स और नाक का मुखौटा) के रूप में वितरण और प्रशिक्षण	5,000/-
	Total	80,000/-

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 3,000 वृक्षों का वृक्षारोपण :

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प्रस्तावित वृक्षारोपण

प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियां	मात्रा (संख्या में)
बैरियर जोन	नीम, खमेर, कचनार, शीशम, खैर, चिरोल आदि। (दो पंक्ति वृक्षारोपण)	1560
परिवहन मार्ग	नीम, खमेर, कचनार, आचार, अमलतास, शीशम, चिरोल, आंवला, पुत्ररनजीवा, मोलश्री आदि।	250
विद्यालय	नीम कचनार, महुआ, अचार अमलतास, गूगल एवं अन्य स्थानीय प्रजातियाँ ।	250
आंगनवाड़ी	नीम, खमेर, चिरोल	940
	योग	3000

10. Case No 8586/2021 M/s Shri Tirupati Minerals, Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat MP Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (117638 cum per annum) (Khasra No. 499 (Part)), Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat (MP) M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 499 (Part)), Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

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प्रकरण आज दिनांक 30/04/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं । अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे ।

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आज दिनांक 06/05/22 को परियोजना प्रस्तावक ऑन-लाईन और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। प्रस्तुतीकरण के दौरान यह पाया गया कि खदान के उत्तर-पूर्व दिशा से कच्चा रोड़ निकल रहा है अतः इस कच्चे रोड़ के कारण खदान क्षेत्र की ओर 50 मीटर का सेटबैक छोड़ा जाना होगा तत्संदर्भ में समिति ने परियोजना प्रस्तावक को पुनरीक्षित सरफेस मैप प्रस्तुत करने के निर्देश दिए। गूगल इमेज के अवलोकन से प्रतीत होता है कि लीज क्षेत्र में कई पेड़ लगे हैं किंतु परियोजना प्रस्तावक ने बताया कि ये सारी झाड़िया हैं तथा खनन क्षेत्र में मात्र 04 पेड़ खजूर के लगे हैं, जो काटे जायेंगे एवं उसके एवज में 40 अतिरिक्त पेड़ लगाये जायेंगे तथा उनके द्वारा वृक्षारोपण योजना में वैसे भी 900 अतिरिक्त वृक्षों का वृक्षारोपण प्रस्तावित किया गया है। अपने कथन की पुष्टि हेतु परियोजना प्रस्तावक ने समिति के सामने खनन क्षेत्र की ड्रोन विडियोग्राफी भी प्रस्तुत की जिसके अवलोकन से यह स्पष्ट होता है कि आवंटित क्षेत्र में झाड़िया लगी हुई है। खदान के उत्तर-पश्चिम दिशा में 750 मीटर पर, दक्षिण-पूर्वी दिशा में 260 मीटर पर जलाशय है तथा दक्षिण दिशा में 180 मीटर पर कच्चा रोड़ है। परियोजना प्रस्तावक ने बताया कि गारलेंड ड्रेन एवं सेटलिंग टेक प्रस्तावित है। परियोजना प्रस्तावक द्वारा बताया गया कि जो ई.आई.ए. प्रस्तुत की गई है उसमें एयर क्वालिटी मॉनिटरिंग डाटा ए.ए.क्यू.-1 तथा ए.ए.क्यू.-2 की वैल्यू गलत होने के कारण पुनः मॉनिटरिंग कराई गई, जिसमें पी.एम.-10 व पी.एम.-2.5 की वैल्यू निर्धारित मानक सीमा में आई। परियोजना प्रस्तावक ने बताया कि फ्यूजिटिव एमीशन के नियंत्रण हेतु खदान में ओवरहेड वॉटर स्प्रिंकलर सुविधा का विकास किया जाना प्रस्तावित किया गया है तथा खदान से लगी हुई रोड़ पर स्प्रिंकलर के माध्यम से जल छिड़काव किया जायेगा। इसी प्रकार रोड़ के कारण जो नॉन माईनिंग क्षेत्र छोड़ा जा रहा है, वहाँ पर भी हाई डेनसिटी प्लांटेशन (900 अतिरिक्त पेड़) प्रस्तावित किया गया है ताकि खदान क्षेत्र की गतिविधियों से धूल का प्रभाव आसपास के वातावरण पर न पड़े। परियोजना प्रस्तावक द्वारा बताया गया कि इस खदान की जनसुनवाई के दौरान कंट्रोल ब्लास्टिंग हेतु सुझाव प्राप्त हुए थे जिसका पालन हमारे द्वारा किया जायेगा। इसके अतिरिक्त सामाजिक कल्याण के कार्य (जैसे : ग्राम पंचायत की नाली को पक्काकरण एवं वृक्षारोपण) किये जाने हेतु प्रस्ताव प्राप्त हुए थे, जिनको उनके द्वारा सी.ई.आर. में शामिल किया गया है। परियोजना प्रस्तावक ने बताया कि उनके द्वारा कंट्रोल ब्लास्टिंग ही की जावेगी। प्रस्तुतीकरण के पश्चात् परियोजना प्रस्तावक को निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

- ✓ खदान के उत्तर-पूर्व दिशा से कच्चे रोड़ के कारण खदान क्षेत्र की ओर 50 मीटर का सेटबैक छोड़ा जाना होगा तत्संदर्भ में समिति ने परियोजना प्रस्तावक को पुनरीक्षित सरफेस मैप प्रस्तुत करने के निर्देश दिए।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण योजना तथा वचन पत्र कि वृक्षारोपण प्रथम 02 वर्ष पूर्ण कर लिया जावेगा।
- ✓ दिनांक 01/05/22 को की गई वायु मापन रिपोर्ट की प्रति तथा मॉडलिंग डाटा।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित ई.एम.पी. योजना।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित सी.ई.आर. योजना।

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परियोजना प्रस्तावक द्वारा प्रस्तुतीकरण के दौरान चाही गई जानकारी दिनांक 05/05/22 द्वारा दी गई, जिसे समिति के समक्ष प्रस्तुत की गई, जो संतोषजनक पाई गई। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार निम्नानुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन 1,17,638 घन मीटर प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 15.44 लाख एवं रिकरिंग 16.65 लाख प्रति वर्ष
3. सी.ई.आर मद में निम्नानुसार राशि रु. 02.60 लाख :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
30 श्रमिकों के लिए उज्ज्वला योजनांतर्गत घरेलू गैस सलेण्डर का वितरण।	30,000
गाँव के स्कूल में एक सेट कंप्यूटर एवं प्रिंटर	80,000
गाँव के स्कूल में 20 बेंच।	50,000
साल्हे गाँव में नाले का निर्माण।	1,00,000
योग	2,60,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4500 वृक्षों का वृक्षारोपण :

कं.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	काला सिरिस, सफेद सिरिस, करंज, खमेर एवं अन्य स्थानीय प्रजातियाँ।	1500
2	परिवहन मार्ग (पेडो की न्यूनतम ऊँचाई - 01 मीटर)	चिरोल, करंज, कदम एवं अन्य स्थानीय प्रजातियाँ।	900
3	नॉन माइनिंग जोन	खमेर, चिरोल, कटंग बॉस एवं अन्य स्थानीय प्रजातियाँ।	900
4	ग्राम में वितरण	कटहल, नीबू, आम एवं अन्य स्थानीय प्रजातियाँ।	700
5	विद्यालय एवं ग्राम पंचायत भवन में	कचनार, कदम, करंज एवं अन्य स्थानीय प्रजातियाँ।	500
		योग	4500

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11. Case No 9125/2022 Shri Vijay Kumar Jadav, Owner, 03, Nirala Nagar, Badbad Naka, Dist. Ratlam, MP - 457001, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (10,260 cum per annum) (Khasra No. 292), Village - Jamthun, Tehsil - Ratlam, Dist. Ratlam (MP)

This is case of Stone Quarry. The application was forwarded by Online SEIAA to SEAC for appraisal. The proposed site (Khasra No. 292), Village - Jamthun, Tehsil - Ratlam, Dist. Ratlam (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज दिनांक 30/04/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 06/05/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. एवं ई.एम.पी. प्रस्तुत की गई। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) एकल प्रमाण पत्र क्रमांक 4866 दिनांक 28/09/21 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में अन्य कोई खदान स्वीकृत/संचालित नहीं है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

प्रस्तुतीकरण के दौरान यह पाया कि यह प्रकरण पूर्व में प्रकरण क्रमांक 8872/2021 के माध्यम से प्राप्त हुआ था तथा सिया बैठक क्रमांक 703 दिनांक 30/01/22 में मानव बसाहट, कच्चा रास्ता एवं प्राकृतिक नाला इत्यादि के कारण इसको रिजेक्ट कर दिया गया था। परियोजना प्रस्तावक ने बताया कि उपरोक्त कारण से उनके द्वारा पत्र दिनांक 14/04/22 के माध्यम से सिया में यह शपथ-पत्र दिया है कि खनन कार्य रॉक ब्रेकर के माध्यम से किये जायेंगे तथा ड्रिलिंग एवं ब्लास्टिंग का उपयोग नहीं किया जायेगा। परियोजना प्रस्तावक ने बताया कि ऐसा ही शपथ-पत्र उनके द्वारा कार्यालय, कलेक्टर में भी दिया गया है जिस कारण कार्यालय, कलेक्टर (खनिज शाखा) ने पत्र क्रमांक 827 दिनांक 05/05/22 के माध्यम से सिया को यह सूचित किया है कि परियोजना प्रस्तावक शपथ-पत्र के पैराग्राफ-3 एवं 3 में यह स्वीकार किया है कि स्वीकृत क्षेत्र में ब्लास्टिंग करके खनन नहीं करूँगा एवं रॉक ब्रेकर से ही खनन कार्य करूँगा। प्रस्तुतीकरण के दौरान पुनः परियोजना प्रस्तावक ने बताया कि वे उत्खनन हेतु ब्लास्टिंग के स्थान पर रॉक ब्रेकर का उपयोग किया जायेगा।

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परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के पूर्व दिशा में 180 मीटर पर तथा उत्तर-पश्चिम दिशा में 255 मीटर पर आबादी है, इसी प्रकार 350 मीटर दक्षिण दिशा में शेड है। अतः पूर्व दिशा की ओर 20 मीटर का सेट-बैक छोड़ा जाना चाहिए। इसी प्रकार खनन क्षेत्र दक्षिण-पश्चिमी भाग से लगा हुआ प्राकृतिक नाला निकल रहा है, अतः 50 मीटर का सेट-बैक छोड़ा जाना होगा। परियोजना प्रस्तावक ने बताया कि उनके द्वारा प्रस्तुतीकरण में 50 मीटर का सेट-बैक (0.60 हे.) प्राकृतिक नाले के कारण पूर्व से ही प्रस्तावित किया गया है तथा आबादी के कारण इस प्रकरण में ब्लास्टिंग के स्थान खनन रॉक ब्रेकर के माध्यम से किया जायेगा। इसी प्रकार खदान क्षेत्र के पूर्व दिशा में 30 मीटर कच्चा रोड़ तथा 115 मीटर पर रोड़ है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन— 10,260 मी³ प्रति वर्ष।
2. खनन कार्य सिर्फ रॉक ब्रेकर के माध्यम से किया जाये एवं ड्रिलिंग एवं ब्लास्टिंग प्रतिबंधित।
3. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 10.36 लाख एवं रिकरिंग राशि रु. 06.19 प्रति वर्ष।
4. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख :-

	सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
ग्राम जामथुन के आंगनवाड़ी केन्द्र में एक साल तक पोषण आहार		60,000
योग		60,000

5. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2400 वृक्षों का वृक्षारोपण :

कं.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बेरियर जोन	नीम, पीपल, बरगद, जंगल जलेबी, पुत्रंजीवा, सीताफल, करंज एवं अन्य स्थानीय प्रजातियाँ।	800
2.	परिवहन मार्ग (पौधों की न्यूनतम कम से कम 01 मीटर)	नीम, सीताफल, बबूल, चिरौल, कचनार, अमलतास, जंगल जलेबी एवं अन्य स्थानीय प्रजातियाँ, आदि।	300
3	जामथुन ग्रामवासियों में वितरण हेतु	बेल, इमली, आंवला, कैथा, आम, अमरुद आदि।	1280

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4	भासकीय विद्यालय में	पुत्रंजीवा, अमलतास, अशोक, नीम आदि।	20
कुल			2400

12. Case No 9131/2022 SHRI VINAY JAIN, Owner, R/o- 303, Badri Vishal Plaza Road, High Court Lane, Gird District- Gwalior, M.P-474009 Prior Environment Clearance Stone Quarry in an area of 2.000 Ha. (30,000 cum per annum) (Khasra no 1244) at Village- Urhana, Tehsil - Bamour, Dist. Morena (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no 1244) at Village- Urhana, Tehsil - Bamour, Dist. Morena (MP) 2.000 Ha. The project requires prior EC before commencement of any activity at site.

प्रकरण आज दिनांक 30/04/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार ऑन लाईन/ऑफ लाईन प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं। अतः समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

आज दिनांक 30/04/22 को परियोजना प्रस्तावक और उनकी ओर पर्यावरण सलाहकार उपस्थित हुए। परियोजना प्रस्तावक द्वारा प्रकरण से संबंधित दस्तावेज जैसे : लीज स्वीकृति पत्र, ग्राम सभा, वन मण्डलाधिकारी की एनओसी, तहसीलदार सर्टिफिकेट, खनिज अधिकारी की 500 मीटर में संचालित खदानों की जानकारी, अनुमोदित खनन योजना, खसरा पंचशाला, फार्म-2, जिला सर्वेक्षण रिपोर्ट, पी.एफ.आर. एवं ई.एम.पी. प्रस्तुत की गई। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर, (खनिज शाखा) एकल प्रमाण पत्र क्रमांक 1137 दिनांक 14/01/21 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 अन्य खदान स्वीकृत/संचालित है, इस प्रश्नाधीन खदान को मिलाकर कुल रकबा 4.50 हेक्टेयर होता है, अतः प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा ऑन लाईन अपलोड माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार प्रश्नाधीन खदान स्थल के दक्षिण दिशा में 116 मीटर पर औद्योगिक शेड, दक्षिण-पश्चिम दिशा में 80 मीटर पर जल निकाय, दक्षिण दिशा में 100 मीटर पर जल रोकने की संरचना तथा उत्तर दिशा में 415 मीटर पर रोड़ है। समिति ने प्रस्तुतीकरण के दौरान पाया कि आवंटित लीज क्षेत्र बीच से खुदा हुआ है तथा यह खुदाई पूर्व की गूगल इमेज अनुसार 2015 से खुदा हुआ है। परियोजना प्रस्तावक ने उनको लीज 2021 में स्वीकृत हुई है तथा यह पिट 2019 से है तथा उनको खदान इसी स्थिति में मिली है। इस संबंध में उनके द्वारा खनिज अधिकारी से भी

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जानकारी प्राप्त की थी जिसके अनुसार यह पिट पूर्व का है जिसका विवरण प्रभारी खनिज अधिकारी द्वारा जारी पत्र क्रमांक 1504 दिनांक 06/12/21 में दर्ज है। प्रस्तुतीकरण के दौरान यह पाया कि यह प्रकरण पूर्व में प्रकरण क्रमांक 8806/2021 के माध्यम से प्राप्त हुआ था तथा सिया बैठक क्रमांक 711 दिनांक 09/03/22 में बाँध संरचना के कारण इसको रिजेक्ट कर दिया गया था। परियोजना प्रस्तावक ने बताया कि उपरोक्त कारण से उनके द्वारा पत्र दिनांक 02/05/22 के माध्यम से शपथ-पत्र कार्यालय, कलेक्टर में दिया गया है जिस कारण कार्यालय, कलेक्टर (खनिज शाखा) ने पत्र क्रमांक 496 दिनांक 04/05/22 के माध्यम से सिया को यह सूचित किया है कि परियोजना प्रस्तावक शपथ-पत्र के पैराग्राफ-3 एवं 3 में यह स्वीकार किया है कि स्वीकृत क्षेत्र में ब्लास्टिंग करके खनन नहीं करूँगा एवं रॉक ब्रेकर से ही खनन कार्य करूँगा। प्रस्तुतीकरण के दौरान पुनः परियोजना प्रस्तावक ने बताया कि वे उत्खनन हेतु ब्लास्टिंग के स्थान पर रॉक ब्रेकर का उपयोग किया जायेगा। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन- 30,000 मी³ प्रति वर्ष।
2. खनन कार्य सिर्फ रॉक ब्रेकर के माध्यम से किया जाये एवं ड्रिलिंग एवं ब्लास्टिंग प्रतिबंधित।
3. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु.11.78 लाख एवं रिकरिंग राशि रु. 07.80 प्रति वर्ष।
4. सी.ई.आर मद में निम्नानुसार राशि रु. 0.70 लाख :-

	सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
ग्राम उरहना के ऑगन वाड़ी केन्द्र में एक साल तक पोषण आहार का वितरण।		70,000
योग		70,000

5. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2400 वृक्षों का वृक्षारोपण :

कं.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	नीम, पीपल, बरगद, खमैर, बाड, चिरौल, पारस, सीताफल, करंज एवं अन्य स्थानीय प्रजातियाँ।	800
2.	परिवहन मार्ग (पौधों की न्यूनतम कम से कम 01 मीटर)	नीम, पीपल, सेमल, चिरौल, करंज, एवं अन्य स्थानीय प्रजातियाँ,।	400
3	उरहना ग्रामवासियों में	बेल, इमली, आंवला, नींबू, आम, अमरुद।	1180

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	वितरण हेतु		
4	भासकीय विद्यालय उरहना में	कदंब, अमलतास, अशोक, नीम, ।	20
कुल			2400

13. जिला सर्वेक्षण रिपोर्ट, जिला सीहोर (म.प्र.) ।

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (सिया) ने पत्र क्रमांक 310 दिनांक 02/05/22 के माध्यम से सीहोर जिले की जिला सर्वेक्षण रिपोर्ट राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के परीक्षण हेतु भेजी गई है । उक्त जिला सर्वेक्षण रिपोर्ट, राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के सदस्यों को दिनांक 04/05/22 (सॉफ्टकापी) को प्रेषित की गई थी तथा उस पर चर्चा राज्य स्तरीय मूल्यांकन समिति की 569वीं बैठक दिनांक 06/05/22 में प्रस्तावित की गई ।

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 569वीं बैठक दिनांक 06/05/22 में सीहोर जिले की जिला सर्वेक्षण रिपोर्ट पर चर्चा की गई जिसमें पाया गया कि :—

- ✓ इसी प्रकार कार्यालय (खनिज शाखा) जिला सीहोर म.प्र. ने पत्र क्रमांक—651/खनिज/2022, दिनांक 17/3/22 के माध्यम से अवगत कराया है कि इस जिला सर्वेक्षण रिपोर्ट पर सुझाव आमंत्रित करने बावत् उसे जिले के पोर्टल पर को अपलोड किया गया था तथा 30 दिन के भीतर 04 आवेदन प्राप्त हुए थे ।
- ✓ दिनांक 07/4/22 को नर्मदा स्थित ग्राम बाबरी, जिला सीहोर में जिला सर्वेक्षण रिपोर्ट हेतु गठित समिति द्वारा रेत खदान का स्थल निरीक्षण किया गया । इस मौके पर समिति द्वारा निरीक्षण कर एक पंचनामा भी तैयार किया गया ।
- ✓ कार्यालय कलेक्टर (खनिज शाखा) जिला सीहोर म.प्र. के पत्र क्रमांक—1181/(खनिज/2022, दिनांक 28/04/22 में उल्लेखित किया गया है कि उपरोक्तानुसार प्राप्त सुझावों के निराकरण उपरांत समिति द्वारा इस जिला सर्वेक्षण रिपोर्ट का अनुमोदन किया गया है ।
- ✓ राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (सिया) ने पत्र क्रमांक 310 दिनांक 02/08/22 के माध्यम से सीहोर जिले की जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की अधिसूचना दिनांक 25/07/18 के अनुसार अधिकांश जानकारीयों समाहित की गई है परंतु बिंदु क्रमांक—30 (एमओईएफ नोटिफिकेशन, 25/07/2018 के अनुसार बिंदु क्रमांक 26) की जानकारी जो माईनर मिनरल (रेत छोड़कर) से संबंधित है, में सीहोर जिले में हरित क्षेत्र के विकास हेतु प्रस्तावित पौधों की प्रजातियों की जानकारी दी गई है किंतु पूर्व के वर्षों में लीज धारकों द्वारा किये गये वृक्षारोपण की जानकारी नहीं दी गई है, जिसको अद्यतन किया जाना चाहिए । साथ ही निर्धारित लक्ष्य के

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विरुद्ध कितना वृक्षारोपण किस वर्ष किया है, उसको भी अंकित किया जाना चाहिए । अतः समिति का सुझाव है कि इस जिला सर्वेक्षण रिपोर्ट को अद्यतन किया जाये उसमें बिंदु क्रमांक-30 की जानकारी (एमओईएफ नोटिफिकेशन, 25/07/2018 के अनुसार बिंदु क्रमांक 26) सभी संचालित खदानों बावत् समाहित की जाये।

चर्चा उपरांत समिति की यह अनुशंसा है कि सीहोर जिले की जिला सर्वेक्षण रिपोर्ट पर आमजन के सुझाव आमंत्रित कर इनका अनुमोदन जिले में गठित समिति द्वारा किया जा चुका है । अतः समिति द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ सीहोर जिले की जिला सर्वेक्षण रिपोर्ट का अनुमोदन किया जाना प्रस्तावित है तथा प्रकरण आगामी कार्यवाही राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर अग्रिम कार्यवाही हेतु प्रेषित है ।

14. Case No 7245/2020 M/s Tanisha Infracon Pvt. Ltd, B-64, Shaligram Tower, Near Sharon Park, Satellite Road, Ahmedabad, Guj. – 380015 Prior Environment Clearance for approval of Laterite Deposit in an area of 18.33 ha. (81,770 cum per annum) (Khasra No. 1331, 1339, 1340) at Village- Tarnod, Tehsil- Suwasara, District- Mandsaur (MP). Env. Consultant M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P.

This is case of Laterite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1331, 1339, 1340) at Village- Tarnod, Tehsil- Suwasara, District- Mandsaur (MP) 18.33 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. 3144 dated 28/12/2019 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 the 444th SEAC meeting dated 03-07-20, during presentation as per Google image based on coordinates provided by PP, it was observed that the Kachcha road crossing the lease committee recommended that PP shall provide right of access in 7.5m of barrier zone. It is a case of laterite deposit with total area of 18.33 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance. Therefore committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

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- Commitment from PP that on Kachcha road, right to access shall be provided in 7.5m of barrier zone.
- Environmental Monitoring should be conducted in such a way that from all soil samples heavy metal should be analysed and atleast in one sample analysis of pesticides should conducted.

Earlier this case was scheduled for presentation and discussion in 444th SEAC dated 03/02/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 06.09.2021 which was forwarded through SEIAA vide letter no. 1863 dated 13.09.2021 and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. behalf of PP. During presentation, PP submitted following salient features of the project:-

During presentation it was observed that in the public hearing preceding an issue was raised that a religious place (देव स्थान) exists within lease which may be damaged due to mining activity/operation, blasting will damage the houses, allocated place is Charagah for cattle and approx. 5000 trees are planted on the lease and thus this activity was opposed by the villagers. PP submitted that the religious place is not within their lease area and actually far away from the lease and considering all desired norms lease is sanctioned by Mining Officer. Committee after deliberation decided that clarification of concerned Mining Officer shall be obtained on the issues raised during public hearing for further consideration of this case. During appraisal it was also observed that in the north area trenches are in existence and committee suggested that these trenches can be used for plantation and part of this area shall be left as non mining area on the northern side. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. M.O. clarification regarding existence of a religious place (देव स्थान) within lease which may be damaged due to mining activity/operation, blasting impact will damage the houses, allocated place is Charagah for cattle and approx. 5000 trees are planted on the lease.
2. Details of activities proposed by the villagers around the देव स्थान.

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3. In point no. 10- C “no fund proposed for ESR/ CER .
4. In point no.25- no tree cutting proposed, while during Public Hearing mentioned 5000 trees are existed at village, clarify current status.
5. Justify, why maximum peak value of PM₁₀ & noise level observed at project site.
6. Permission letter of Gram Sabha for water drawl should be submitted.
7. Why deploying of DG set of 200kVA submit waste oil disposal plan.
8. Why pesticide analysis is not carried out as per specific TOR point.

Later on the case was recommended for delisting in the 434th SEAC meeting dated 15/12/21 wherein it is recorded that “*PP has not submitted desired information in the stipulated time even after given reminder letter. Hence, these cases are recommended by the committee for delisting in the light of MoEF&CC, O.M. File no. J-11013/5/2009-IA-II (Part), dated 30th October, 2012.*”

परियोजना प्रस्तावक ने पत्र दिनांक 20/2/22 के माध्यम से वांछित जानकारी सिया को प्रस्तुत की गई । सिया की 711वीं बैठक दिनांक 08/03/22 को प्रकरण को परियोजना प्रस्तावक से जानकारी प्राप्त होने पर प्रकरण कोरिलिस्ट कर सेक को परीक्षण हेतु भेजा गया ।

समिति की 563वीं बैठक दिनांक 04/04/22 को परियोजना प्रस्तावक ऑन लाईन तथा पर्यावरण सलाहकार श्री अमर यादव उपस्थित हुए । परियोजना प्रस्तावक द्वारा बताया गया कि उनके द्वारा प्रभारी खनिज अधिकारी, कार्यालय खनिज शाखा जिला मंदसौर म.प्र. (पत्र क्रमांक 291 दिनांक 11/2/22) से देवस्थान के बारे में जानकारी प्राप्त की गई जिसके उत्तर में उन्होंने सूचित किया कि सर्वे क्रमांक 1339 के उत्तर दिशा में एक हिंदू मंदिर है तथा उस तक जाने का रास्ता इसी खसरे के बीच से होकर निकलता है । प्रभारी खनिज अधिकारी ने यह भी बताया कि खसरा क्रमांक 1339 पर कोई पेड़ नहीं लगे तथा सर्वे क्रमांक 1339 पर जल संवर्धन हेतु एक जल संरचना का निर्माण किया गया है तथा एक 1800 कंटूर बनाये गये हैं । प्रभारी खनिज अधिकारी ने यह भी स्पष्ट किया है कि इस प्रकरण में ब्लास्टिंग की आवश्यकता नहीं है एवं खदान के आसपास कोई आवासीय घर नहीं है । परियोजना प्रस्तावक ने बताया कि उपरोक्त प्रतिवेदन के आधार पर उनके द्वारा देवस्थान के चारों ओर खनन क्षेत्र में 100 मीटर का सेट-बैक छोड़ा गया है तथा बैकल्पिक पहुँचमार्ग मंदिर तक प्रस्तावित किया गया है । इसी प्रकार खनिज क्षेत्र में विद्यमान जल संरचना के आसपास भी 1.43 हे. का नॉन माईनिंग जोन छोड़ा गया है । इसी प्रकार खनिज क्षेत्र के दक्षिण क्षेत्र में जहाँ से कच्चा रास्ता होकर निकल रहा है उसको भी नॉन माईनिंग जोन घोषित किया है । परियोजना प्रस्तावक ने बताया कि कुल स्वीकृत खनन क्षेत्र 18.33 हेक्टेयर है, अतः नॉन माईनिंग क्षेत्र छोड़ने के पश्चात् भी 81,770 घनमीटर लेटराईट का उत्पादन किया जा सकता है तथा जितने भी नॉन माईनिंग क्षेत्र घोषित किए गए हैं, उनमें वृक्षारोपण व चारागाह विकास का कार्य किया

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जायेगा । प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक से निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

- ✓ परियोजना प्रस्तावक द्वारा जो नॉन माईनिंग क्षेत्र प्रस्तावित किया जा रहा है (देवस्थान के चारों ओर खनन क्षेत्र में 100 मीटर का सेट-बैक, मंदिर तक बैकलपिक पहुँचमार्ग हेतु खनन क्षेत्र, खनिज क्षेत्र में विद्यमान जल संरचना के आसपास भी 1.43 हे. का नॉन माईनिंग क्षेत्र तथा दक्षिण क्षेत्र में जहाँ से कच्चा रास्ता होकर निकल रहा है उसको भी नॉन माईनिंग क्षेत्र) उसके कुल क्षेत्रफल की गणना कर प्रोडक्शन प्लॉन के साथ जस्टीफाई कर प्रस्तुत करें ।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण योजना ।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित सी.ई.आर. योजना ।
- ✓ परियोजना प्रस्तावक का वचन-पत्र कि नॉन माईनिंग क्षेत्र में वृक्षारोपण एवं चारागाह का विकास किया जावेगा ।

समिति की बैठक में प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि कुल आवंटित 18.33 हे. है, जिसमें से 05.33 हे. एरिया नॉन माईनिंग के रूप में छोड़ा जा रहा है तथा कुल 13.00 हे. एरिया उत्खनन के लिए उपलब्ध होगा । प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने यह भी बताया कि जो नॉन माईनिंग क्षेत्र छोड़ा जा रहा है उसमें हरित पट्टिका व चारागाह का विकास हेतु उपयुक्त प्रजातियों के पेड़ लगाये जायेंगे । साथ ही खदान के उत्तर-पूर्वी क्षेत्र में जो मंदिर है जिस हेतु नॉन माईनिंग क्षेत्र भी छोड़ा गया है, उस तक पहुँच मार्ग भी उनके द्वारा लीज बाउण्ड्री (7.5 मीटर बैरियर जोन एवं नॉन माईनिंग एरिया) से प्रस्तावित किया गया है । बेल्ट परियोजना प्रस्तावक ऑन लाईन तथा पर्यावरण सलाहकार श्री अमर यादव उपस्थित हुए । परियोजना प्रस्तावक द्वारा अन्य जानाकरियाँ समिति के समक्ष प्रस्तुत की गईं, जो संतोषजनक पाई गईं । परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार निम्नानुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन 81,770 घन मीटर प्रति वर्ष ।
2. पर्यावरण प्रबंधन योजना मद में कॅपीटल राशि रु. 15.44 लाख एवं रिक्रिंग 16.65 लाख प्रति वर्ष
3. सी.ई.आर मद में निम्नानुसार राशि रु. 03.05 लाख :-

सी.ई.आर. मद से प्रस्तावित गतिविधि	राशि (रु. में)
पुराने मंदिर का रिनोवेशन	1,00,000
उज्जवला योजनांतर्गत 40 घरेलू गैस सिलेण्डर का वितरण ।	1,50,000
ग्राम तारनोद में 03 हेण्डपम्प की स्थापना ।	50,000
ग्राम तारनोद में 500 मॉस्क व 10 लीटर हेण्ड सेनेटाईजर का वितरण ।	5,000
योग	3,05,000

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4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 22,620 वृक्षों का वृक्षारोपण :

क्र.	प्रस्तावित वृक्षारोपण हेतु नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1	बैरियर जोन	आम, नीम, पीपल, बरगद, खमैर, चिरौल, सीतफल एवं अन्य स्थानीय प्रजातियाँ।	6000
2	ग्रामपंचायत तरनोद के ग्रामवासियों को वितरण हेतु	इमली, आवंला, आम, अमरुद, करोंदा महुआ, सीताफल, मुनगा, एवं अन्य स्थानीय फलदार प्रजातियाँ।	7500
3	परिवहन मार्ग (पौधों की न्यूनतम कम से कम 01 मीटर)	आम, करंज, नीम, चिरौल, एवं अन्य स्थानीय प्रजातियाँ,	4500
4	ग्राम तरनोद के भासकीय विद्यालय में	कदंब, अमलतास, अ गोक, नीम, गुलमोहर आदि।	120
5	परिवहन मार्ग	आम, करंज, नीम, चिरौल, एवं अन्य स्थानीय प्रजातियाँ,	4500
		योग	22,620

15. Case No 8421/2021 M/s Vista Sales Private Ltd, Shri Mahesh Kumar Verma, Near Takshshila School, 98, Rachna Nagar, Paras Apartment, Huzur, Govindpura, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 12.0 ha. (60000 cum per annum) (Khasra No. 565, 744), Village - Rajawara, Tehsil - Vijayraghavgarh, Dist. Katni (MP)

समिति की 495वीं बैठक दिनांक 01/04/21 को पूर्व पर्यावरणीय स्वीकृति हेतु टॉर जारी करने की अनुशंसा की गई थी।

सिया के पत्र क्रमांक 179 दिनांक 18/04/22 के द्वारा मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड, भोपाल के पत्र क्रमांक 1999 दिनांक 07/04/22 की प्रति प्रेषित की गई है, जिसमें लेख है कि प्रश्नाधीन खदान की जन सुनवाई दिनांक 25/03/22 को नियत थी किंतु खदान प्रबंधन द्वारा आवेदन पत्र दिनांक 03/03/22 के द्वारा सूचित किया खदान की भौगोलिक स्थिति के कारण खदान का संचालन नहीं कर पायेंगे एवं लोक सुनवाई स्थगित/प्रतिबंधित करने का अनुरोध किया गया है।

समिति ने परियोजना प्रस्तावक द्वारा प्रस्तुत पत्र दिनांक 03/03/22 का अवलोकन किया जिसमें परियोजना प्रस्तावक ने सूचित किया है कि रेत खदान ग्राम रजरवारा में खदान संचालन कार्य किया जाना वर्तमान में संभव नहीं है। खदान क्षेत्र में पूरी तरह पानी भरा हुआ है। उक्त खदान से खनिज रेत का उत्खनन कर परिवहन नहीं किया जा सकता है। समिति ने चर्चाकर यह अनुशंसा की कि चूंकि परियोजना प्रस्तावक ने सूचित किया है कि खदान क्षेत्र में पूरी तरह पानी भरा हुआ है

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अतः इस स्थिति में इस प्रकरण को पर्यावरणीय अभिस्वीकृति हेतु विचार नहीं किया जा सकता है तथा प्रकरण आगामी कार्यवाही हेतु सिया को प्रेषित किया जाये ।

16. Case No 8493/2021 M/s Vista Sales Pvt. Ltd, M-340, Goutam Nagar, Infront of Khadi Gram Udhog Office, Near Chetak Bridge, Dist. Bhopal, MP - 462023 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (25000 cum per annum) (Khasra No. 1165), Village - Banjari, Tehsil - Vijayraghavgarh, Dist. Katni (MP)

समिति की 498वीं बैठक दिनांक 06/04/21 को पूर्व पर्यावरणीय स्वीकृति हेतु टॉर जारी करने की अनुशंसा की गई थी ।

सिया के पत्र क्रमांक 201 दिनांक 21/04/22 के द्वारा मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड, भोपाल के पत्र क्रमांक 2016 दिनांक 08/04/22 की प्रति प्रेषित की गई है, जिसमें लेख है कि प्रश्नाधीन खदान की जन सुनवाई दिनांक 31/03/22 को नियत थी किंतु खदान प्रबंधन द्वारा आवेदन पत्र दिनांक 03/03/22 के द्वारा सूचित कि रेत खदान ग्राम बंजारी में खदान संचालन कार्य किया जाना वर्तमान में संभव नहीं है । खदान क्षेत्र में पूरी तरह पानी भरा हुआ है । उक्त खदान से खनिज रेत का उत्खनन कर परिवहन नहीं किया जा सकता है । समिति ने चर्चाकर यह अनुशंसा की कि चूंकि परियोजना प्रस्तावक ने सूचित किया है कि खदान क्षेत्र में पूरी तरह पानी भरा हुआ है अतः इस स्थिति में इस प्रकरण को पर्यावरणीय अभिस्वीकृति हेतु विचार नहीं किया जा सकता है तथा प्रकरण आगामी कार्यवाही हेतु सिया को प्रेषित किया जाये ।

(ए.ए. मिश्रा)
सदस्य सचिव

(डॉ. पी.सी. दुबे)
अध्यक्ष

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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. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
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. 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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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.

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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. 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.
24. 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.
25. 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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs 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".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.

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36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

37. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

नोट 2 :- विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

नोट 3 :- पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

नोट 4 :- पौधों की ऊँचाई/गोलाई -

नोट 5 :- भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

नोट 6 :- रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 with GPS 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

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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. 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.
17. 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. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. 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".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.

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- b. Mining Lease area of the project (in ha.)
- c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
38. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

नोट 2 :- विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

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- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए ।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई –
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए ।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक ।		
4.	आवश्यकतानुसार सिंचाई ।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण ।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना ।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना ।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है ।

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. Arrangements for overhead sprinklers with solar pumps / water tankers 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.
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.

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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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, 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".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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

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fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.

31. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
36. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

नोट 1 :- स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

नोट 2 :- विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।

नोट 3 :- पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

नोट 4 :- पौधों की ऊँचाई/गोलाई -

नोट 5 :- भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।

नोट 6 :- रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख -

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियों आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

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.

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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 analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.

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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.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

569वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 06 मई 2022

- ✓ Adequate provisions of water for irrigating plantation shall be made by PP.
35. खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश।

- नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।
- नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है।
- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई –
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य किया जाना चाहिए।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

क्र.	स्थल	ऊँचाई न्यूनतम	गोलाई न्यूनतम
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 फिट	03 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 फिट	05 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) बनाना तीन वर्षों तक।		
4.	आवश्यकतानुसार सिंचाई।		

- नोट 7 :-** बीज बुआई एवं अंकुरण पश्चात् देख-रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।

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.

36. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
37. Detailed analysis of availability and quality of the drinking water resources available in the block.
38. 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.
39. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.