

## Minutes of the 678<sup>th</sup> Meeting of SEIAA dated 12.07.2021

The 678<sup>th</sup> meeting of the State Level Environment Impact Assessment Authority was convened on 12.07.2021 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Arun Kumar Bhatt, Chairman, SEIAA. The following members attended the meeting:-

1. Shri Anil Kumar Sharma Member
2. Shri Shriman Shukla Member Secretary

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

S.No	Case No.	Category	No. & date of latest SEAC & SEIAA meeting
1.	8553/2021	5(g)	501 <sup>st</sup> SEAC meeting dated 29-06-21
2.	6996/2020	1(c)	501 <sup>st</sup> SEAC meeting dated 29-06-21
3.	8528/2021	1(a)	501 <sup>st</sup> SEAC meeting dated 29-06-21
4.	8266/2021	1(a)	675 <sup>th</sup> SEIAA meeting dated 08-04-21
5.	8267/2021	1(a)	675 <sup>th</sup> SEIAA meeting dated 08-04-21
6.	8249/2021	1(a)	673 <sup>rd</sup> SEIAA meeting dated 06-04-21
7.	2370/2015	1(a)	201 <sup>st</sup> SEIAA meeting dated 22-05-15

### B. Policy Decision in compliance of Hon'ble NGT (CZ) Order dtd. 21.06.2021

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

1. **Case No. 8553/2021** : Prior Environment Clearance for Grain Based Fuel Ethanol Unit of 195KLD, 4.0 MW Co-generation Power Plant at Village -Devri Tehsil-Balaghat Distt - Balaghat (MP), Total Land area - Total 12.745 ha Area for proposed project- 08 ha , Proposed Capacity: 195 KLD 4.0 MW Co-generation Power Plant by Atul Vaidya Director VISAG BIOFUELS PRIVATE LIMITED Kalptaru Mall (Shree ji) Mahaveer Chowk, Balaghat, Madhya Pradesh -481001 email: [visagbiofuels@gmail.com](mailto:visagbiofuels@gmail.com) Mob:7000294007

1. This is case of Prior Environment Clearance for Base fuel ethanol unit of 195 KLD, 4.0 MW Co-generation power plant, By product : 150 TPD of CO<sub>2</sub> & Recoverable @75 TPD Generation & 112.08 TPD of DDGS, Total Land - 12.745 Ha at Khasra no. 167, Village - Devri, Tehsil & Dist. Balaghat (MP).
2. The topography of the area is undulated and reported to lies between - 21°45'15.14"N to 21°45'31.26"N, Latitude and 80°14'33.11"E to 80°14'52.52"E Longitude.
3. M/s Visag Bio Fuel Pvt Limited has proposed grain based 195 KLD of fuel ethanol unit with cogeneration of power (4.0 MW) at Village Devri Tehsil & Dist Balaghat MP. The by product is identified as CO<sub>2</sub> -150 TPD (Recoverable @ 50% of total generated), DDGS- 112.08 TPD from the proposed unit.
4. The proposed detail of the unit are as follows:-

Features	Proposed
Site Address	Khasra no 167, Village Devri, Tehsil & Dist Balaghat (MP)
Proposed Production Capacity	195 KLD fuel Ethanol Unit
Cost Of Project	Rs. 169 Crores
Grain Requirement	446 MT (approx. 450 MT per day)

(Shriman Shukla)  
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(Anil Kumar Sharma)  
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Boiler Capacity At MCR (100% Load)	40TPH
Boiler capacity at MCR (100% Load)	49 TPH
Steam Requirement	34 TPH @ 3.5 kg/cm <sup>2</sup> (g)
Fuel	325 TPD as rice husk
Total Water Requirement	3234 KLD
Total Fresh water Requirement	1200 KLD ( 6.1 KL per KL of Alcohol)
Spent Wash Generation	1260TPD
Power Requirement	4000 KWhr
Capital Cost for Environmental measures	Rs 3179 Lacs
Recurring cost for environmental Management (Proposed)	Rs 106 Lacs
Alternative Source of Power	DG set of 750KVA
Land acquired	12.745 Ha
Land required for plant and building	6.00 Ha
Proposed area for plantation	4.50 Ha
Direct Employment Generation	67 + 95

5. As per EIA Notification dated 14<sup>th</sup> September, 2006 and as amended, the project falls under Category "B", Project or Activity '5(g)' Distilleries (All Molasses based distilleries  $\leq$  100 KLPD). However as per in the MoEF & CC Notification S.O. 345(E) dated 17<sup>th</sup> January 2019, a special provision in the EIA Notification, 2006 is made, wherein for all applications made for expansion projects of sugar Manufacturing or Distilleries, having Environmental Clearance for present industrial operation and intend to produce ethenol for blending with petrol under EBP program shall be appraised by EAC or SEAC as per the procedure applicable to category B2 projects specified under EIA Notification 2006.
6. PP has submitted that the proposal for manufacturing of Fuel Ethanol only for the purpose of Ethanol Blending Programme of the Government of India. The project will be zero liquid discharge as per the condition given in the gazette notification SO 2339 dated 16<sup>th</sup> June 2021, hence it is consider under B-2 Category.
7. The case was discussed in 501<sup>st</sup> SEAC meeting dated 29.06.2021 and is recommended for grant of prior EC.
8. After the recommendation today the case was scheduled for presentation and after deliberation it was decided to send the case to SEAC for re-appraisal on the basis of following:-
  - a) It was observed by the Authority, PP has applied for 195 KLD fuel Ethanol Unit however, many places of the supporting documents of the application mentioned 60 KLD PP should submit all corrected documents in SEAC such as Master Plan Layout, Techno-Commercial Proposal for supplies of various systems etc.
  - b) It was also noted that the project site located approx 30m from the adjacent river. PP should obtain HFL from the WRD and submit for clarification of the proper location site in the said project. Data of flooding of the area for last five years should also be submitted.
  - c) How to achieve ZERO liquid discharge in rainy season?
  - d) Measures for Odor nuisance, Land pollution.
  - e) Justification for CO<sub>2</sub> scrubbing 100%.
  - f) Landscaping planning of the project site.

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- g) Domestic waste water treatment instead of septic tank & soak pit should be provided by PP
- h) Local need base CER activities.
- i) Revised Affidavit submitted during submission of application.

2. **Case No 6996/2020:** Prior Environment Clearance for ISP - Parwati Micro Lift Irrigation Scheme , Phase III & IV(Pipeline), Division Dewas ,CCA -1,00,100 ha., and benefit 221 villages of District Sehore, (Tehsil Astha, Icchawar, Sehore & Shyampur) District Shajapur (Tehsil Kalapipal & Shujalpur) and District Bhopal (Tehsil Bhopal & Huzur) by Executive Engineer, Narmada Development Div. No. 28, Punasa, Dist. Khandwa, MP, E-mail: eendd28punasa@gmail.com Phone - 07323-288062

1. The proposed project, ISP Parwati Phase III & IV Micro Lift Irrigation Scheme, is a Government of Madhya Pradesh lift irrigation project to provide irrigation water to 100100 ha of Culturable Command Area (CCA).
2. Water will be lifted from ISP reservoir to irrigate a total of 1,00,100 ha of CCA on both side of Parwati river covering 221 villages of 8 tehsils of Sehore, Shajapur & Bhopal districts.
3. The scheme is designed to lift 32.04 cumec of water from existing Indira Sagar Project reservoir in 5 stages by using 5 pumps houses through various combinations of twin line rising mains and gravity mains followed by distribution.
4. Water will be distributed to command area upto 2.5 ha chak outlets by joining Rising mains and Gravity mains to the primary and secondary distribution networks.
5. The scheme will benefit 221 villages of 8 tehsils of Sehore, Shajapur & Bhopal districts.

District	Tehsil	No. of Villages
Sehore	Astha	1
	Icchawar	38
	Sehore	107
	Shyampur	2
Total Sehore		148
Shajapur	Kalapipal	62
	Shujalpur	4
Total Shajapur		66
Bhopal	Bhopal	4
	Hazur	3
Total Bhopal		7
Grand Total		221

6. The Project consists of following Components:

- Pump Houses (5 nos.)
- Distribution Chambers (2 nos.)
- Sub station
- 132/11 KV Transmission line
- Gravity main (2 nos.) – Main line
- Rising main (5 nos.) - MS pipeline

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- Branch mains (MS/DI/HDPE) up to 20 ha Chak
- Distribution Network (HDPE) from 20 ha chak to 2.5 ha chak
- Flow & Pressure Control Valves, Air valves.

7. PP submitted that project is 5.70 kms away from the Kheoni WL Sanctuary and as per CCF, Bhopal letter no. 999 dated 08/06/21 the project is > 2.00 kms away from the notified ESZ of Kheoni WL Sanctuary.

8. As per Schedule enclosed with the EIA notification of Sept 2006 and subsequent amendments, irrigation projects are listed at item 1(c); projects with CCA > 50000 ha are category A projects and projects with CCA < 50000 ha and > 2000 ha are category B projects, which are further divided in B1 (CCA of less than 50,000 ha but greater than equal to 10,000 ha) and B2 (CCA of less than 10,000 ha but greater than equal to 2,000 ha).

The present case though has a culturable command area of 100100 ha but it does not involve any submergence or inter-state domain; therefore, scoping clearance was issued by SEAC and final appraisal shall be carried out by SEIAA as Category B1

9. Scoping clearance for the project was recommended by SEAC during its 432<sup>nd</sup> meeting held on May 18, 2020 and letter was issued by SEAC vide letter No. 264/PS-MS/MPPCB/SEAC/432/2020 dated 17/06/2020 for 100000 ha CCA. Subsequently, Amendment to Scoping Clearance for Parwati III & IV MLIS (CCA 100100) recommended by SEAC during its 478<sup>th</sup> meeting held on February 01, 2021 and amended vide letter No. 159/PS-MS/MPPCB/SEAC/TOR (478)/2021 dated 16/02/2021 ToR issued for 100100 ha CCA.

10. PP has submitted the EIA report vide letter dated 14.06.2021 which was forwarded to SEAC vide letter no. 1282 dated 25.06.2021. Accordingly the case was considered in SEAC meetings 501<sup>st</sup> SEAC meeting dtd. 29.06.21 and is recommended for grant of prior EC subject to special conditions.

11. Public Hearings for ISP Parwati Phase III & IV Micro Lift Irrigation Scheme were conducted by Madhya Pradesh State Pollution Control Board (MPSPCB) on 27<sup>th</sup> March 2021, 30<sup>th</sup> March 2021, 31<sup>st</sup> March 2021 and 1<sup>st</sup> April 2021. Details are as follows:

27.03.2021	Gram Panchayat Bhawan Village Harangaon, Tehsil Khategaon, District Dewas
30.03.2021	Haat Ground near Government Middle School, Village Arniya Kalan, Tehsil Kalapeepal, District Shajapur
31.03.2021	Gram Panchayat Bhawan, Village Fanda, Tehsil Huzur, District Bhopal
01.04.2021	Gram Panchayat Bhawan Village Sonda, Tehsil & District Sehore

The Project proponent assured the local stake-holders that their grievances and logical demands shall be properly addressed as per prevalent norms and rules. The project proponent also stated to adhere to Environmental norms and standards in project activities.

(Shriman Shukla)  
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Chairman



After the recommendation today the case was scheduled for presentation, and after discussion recorded that:

- i. Permanent land would be required for the construction of pumping stations, Delivery chamber as valve chambers, switch yards and laying of rising main, gravity main, electrical lines.
- ii. Total permanent land requirement has been worked out as 101.28 ha out of which 7.52 ha would be met by Private land, 5.30 ha by Government land and 88.452 ha by forest land.
- iii. Proposals for diversion of 88.452 ha of forest land has been submitted vide reference no. FP/MP/IRRIG/45598/2020.

Temporary Land Requirement

iv. Land for Transmission Lines

132 kv & 33 kv power lines will be brought from Icchawar substation to pump houses, total length of the 132kv & 33 kv transmission lines are worked out as about 70.5 km. 3.75 Ha of forest land shall be acquired for laying of electrical transmission line.

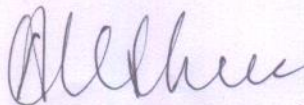
v. Temporary Land for Laying of Pipeline

The pipe shall be laid 1.20 m below average ground level and land will be restored immediately on completion of the work. Wherever, the pipeline/ transmission line will be pass through private land, temporary land acquisition will be done as per the applicable law. Total temporary land requirement is worked out as 4119.624 Ha.

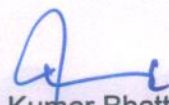
- vi. NWDT assessed utilizable quantum of waters of Narmada at Sardar Sarovar Dam on the basis of 75% dependability was assessed on 34537.44 Mcum (28 MAF). Madhya Pradesh State was allotted 18.25 MAF of water in Narmada Basin by NWDT and out of this 12 MAF has been utilized by Madhya Pradesh and remaining 6.15 MAF is available for various schemes.
- vii. Out of balance water available, several schemes are designed including Parwati I&II, parwati III&IV, Kalisindh I, and Kalisindh II Irrigation projects each utilizing 0.27 MAF. Utilization of water for Parwati III & IV is 0.27 MAF, which will still leave a balance of 5.88 MAF for various other schemes.
- viii. In micro lift irrigation schemes, air pollution occurs mainly during project construction phase. During operation phase, no major impacts are envisaged on air quality PP has proposed following mitigation measures:
  - For all major construction activities, curtaining of the site will be done to protect the surrounding areas from dust emissions.



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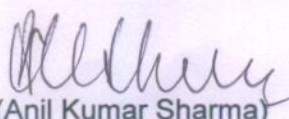
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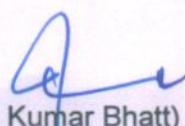
- In addition, regular sprinkling of the water will be done on construction sites for dust suppression.
  - All construction equipment/machinery will be properly maintained and tuned to minimize emissions.
  - Mobile DG sets shall be used for lighting only during construction phase and they should meet emission and noise standards as per guidelines/standards issued by CPCB.
- ix. Sources of noise will be the vehicles and equipment for excavation and construction. During operation phase, no major impacts are envisaged. PP has proposed following measures to control noise pollution:
- Contractors will be required to maintain proper functioning of equipment and comply with occupational safety and health standards.
  - DG sets will have a valid Type Approval Certificate and Conformity of Production certificate as per CPCB guidelines.
  - Workers in high noise area, will be provided with ear muffs and their use will be monitored. Workers exposure (time duration) to high noise will also be controlled.
  - Minimize the use of noise producing equipment during night hours to avoid the disturbance to locals and wild animals of surrounding area.
  - Vehicles to be equipped with mufflers recommended by the vehicle manufacturer.
- x. Regarding Impacts due to runoff from construction sites PP has submitted Water used in construction activities leads to wastewater generation with high suspended solids. Effluents due to washing from truck or equipment etc. would have high concentration of oil and grease. Conservation of water should be implemented at construction sites to minimize the generation of wastewater. Adequate care should be taken so that excess suspended solids in the wastewater are removed before these are disposed into water body or over land. Impacts on water logging and soil salinity are generally envisaged in flow irrigation schemes, however, no such impacts are envisaged due to micro irrigation.
- xi. For Management of Pipeline Leakage and Bursting PP has proposed as follows:
- The entire system is managed by SCADA (Supervisory Control and data Acquisition)
  - To prevent back pressure in case of electricity failure, depending upon surge analysis, single or combination of protection devices like One Way Surge Tank, Air Cushion Valves and Standing Pipes shall be used.
  - If any leakage/theft/bursting occurs; valves will automatically close
  - In the worst case scenario, only residual water present in the reach would drain off from the pipeline. Impact will be local flooding



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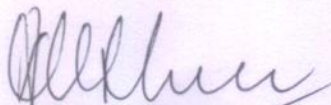
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- A provisions of two chassis mounted dewatering pumps of adequate capacity has been made for the purpose of clearing the water logged areas during emergency.
- xii. Total quantity of muck for disposal is calculated as 34.51 lakh cum.; which will be generated from a network of trenches with total length of 7459.27 Km. 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. The extra muck shall be laid in the undulating area of the connected villages with the consent of concerning Gram-panchayat or Janpad Panchayat.
12. Construction activities are associated with 3 types of waste generation such as Construction and Demolition Waste, Hazardous Waste, Municipal Solid Waste from labour camps/colonies. PP has submitted following mitigation measures shall be adopted for waste management:
- Construction and demolition waste will be handled in line with the guidelines for handling such wastes given in Construction & Demolition Waste Management Rules, 2016.
  - Contractor will ensure that there is no littering or deposition of waste so as to prevent obstruction to the traffic or the public or drains.
  - Any hazardous waste generated at site such as waste oil, used batteries, empty barrels/containers/liners contaminated with hazardous chemicals/wastes and contaminated cotton rags or other cleaning materials, etc. shall be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
  - Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
  - Municipal Solid Waste generated from labour camps shall be disposed off at a designated place in consultation with the local authority.
- xiii. 88.452 ha of forest land will be diverted for which compensatory afforestation will be carried out as per FCA.
- xiv. Plantation has been proposed in 250 ha in command area in several patches on government/private land. The schemes propose to construct, 5 pumphouses. It is further proposed to landscape the area around the pumphouses and plantation will also be carried out along the boundary of the pumphouses. The budget has already been proposed under the head, Green Belt development will be used for the purpose.



(Shriman Shukla)  
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Member



(Arun Kumar Bhatt)  
Chairman



xv. During Public Hearing at Dewas and Shajapur, people have demanded employment, plantation, provision of drinking water and electricity and toilets in educational institutions located near gram panchayats. PP has proposed following under Local Area Development:-

- ITIs have been identified, two in each of the projects districts viz. Dewas, Shajapur Bhopal and Sehore. A budgetary provision of Rs. 25.00 lakh each has been made, totalling Rs. 2.00 crore for 8 institutes for expansion of their infrastructure and training staff. Local youth from the region will be encouraged to join the centres for skill development for suitable employment opportunities in this as well many other similar projects of NVDA.
- For electricity and toilet in education institutes, a district level committee will be set up in each of the four districts with members from NVDA, district administration and representatives from affected villages.
- Committee will decide and prioritise the task of identifying the institutes where infrastructure needs to be upgraded. A budget of Rs. 1.00 crore has been provisioned under this head.
- As part of Local Area Development, villagers in command area will be provided with plants for lemon, moringa, jackfruit, etc. for local plantation. A budget provision of Rs. 25.00 lakhs has been made under this head to be utilised over a period of 5 years. Total budget proposed under CER/Local Area Development is Rs. 3.25 crore.

xvi. The total Cost of the project is 4131.66 Crores

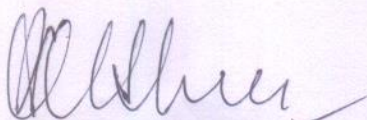
xvii. Benefit of the project: Water for irrigation Improved quality of life, Marginal activities and jobs during construction phase, Employment opportunities to locals during operation phase with increased income of farmers.

**The submissions made by the PP were found to be satisfactory and acceptable. Hence, it is decided to accept the recommendations of 501<sup>st</sup> SEAC meeting dtd. 29.06.21 and grant Prior Environmental Clearance for proposed ISP - Parwati Micro Lift Irrigation Scheme , Phase III & IV(Pipeline), Division Dewas ,CCA -1,00,100 ha., and benefit 221 villages of District Sehore, (Tehsil Astha, Icchawar, Sehore & Shyampur) District Shajapur (Tehsil Kalapipal & Shujalpur) and District Bhopal (Tehsil Bhopal & Huzur) by Executive Engineer, Narmada Development Div. No. 28, Punasa, Dist. Khandwa, MP, subject to the following specific conditions:-**

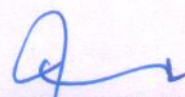
1. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.



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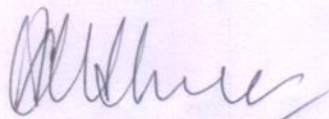
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2. A grievances redress mechanism is to be devised by NVDA GoMP and put in place so that aggrieved PAFs and other stakeholders may approach the Authority easily for resolution of any dispute/conflict.
3. PP shall ensure that, land required for the proposed project is acquired and possession is taken only after payment of compensation to the land holders as per the provision of the Right to fair compensation and transparency in land acquisition Act amended from time to time.
4. No additional land shall be used/ acquired for any activity of the project without obtaining proper permission.
5. PP to take utmost precaution for health and safety of the people working in the project as also for protecting the environment.
6. In the event of the failure of any pollution control system adopted by the project proponent, the project shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
7. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
8. PP should ensure to implement the activities as proposed under local area development plan such as, provision of drinking water and electricity and toilets in educational institutions located near gram panchayats; following will be provided:
  - ITIs have been identified, two in each of the projects districts viz. Dewas, Shajapur Bhopal and Sehore. A budgetary provision of Rs. 25.00 lakh each has been made, totalling Rs. 2.00 crore for 8 institutes for expansion of their infrastructure and training staff. Local youth from the region will be encouraged to join the centres for skill development for suitable employment opportunities in this as well many other similar projects of NVDA.
  - For electricity and toilet in education institutes, a district level committee will be set up in each of the four districts with members from NVDA, district administration and representatives from affected villages.
  - The task of identifying the institutes where infrastructure needs to be upgraded by using budget of Rs. 1.00 crore under this head.
  - As part of Local Area Development, villagers in command area will be provided with plants for lemon, moringa, jackfruit, etc. for local plantation. A budget provision of Rs. 25.00 lakhs has been made under this head to be utilised over a period of 5 years. Total budget proposed under CER/Local Area Development is Rs. 3.25 crore. The budget should be not diverted for other purposes.
  - The implementation of Local Area Development Plan (LADP) to be closely monitored.



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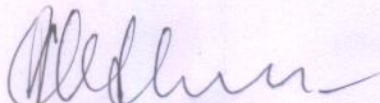
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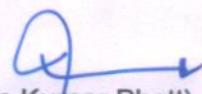
9. Proposed Bio-diversity Conservation & Management Plan in EMP report should be implemented with State Forest Department. The allocated budget for this purpose shall be fully utilized and not to be diverted for any other purpose.
10. To enhance the natural environmental quality & aesthetics of project site, plantation, as proposed in the EMP Report shall be undertaken in 250 ha of area. Allocated grant for this purpose shall be fully utilized separately and not to be diverted for any other purpose. Plantation budget should be not included in LADP.
11. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. residual insecticidal spray in all the project area and surrounding 3 km. Area keeping the flight range of mosquitoes in consideration. Also medical assistance to be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department. it is recommended that contractors should enforce standards, recommended by Occupational Safety and Health Administration (OSHA).
12. Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and around the project area to ascertain the change, if any, in the water quality due to leaching of contaminants, if any, from the increased use of chemical fertilizers and pesticides.
13. PP should ensure the pumps and pump house building are designed in such a way that outside noise levels will not exceed the CPCB standards.
14. As alternate source of power PP should ensure to install solar panels to proper running of Pump house.
15. PP should ensure not to start any construction activities in forest land area without obtaining forest clearance from MoEF&CC, GoI and same be submitted to SEIAA within stipulated period of time as per MoEF&CC OM dated 09/09/2011 and its amendments OM dtd. 19.03.13.
16. An alternate route should be chalked out by the PP to avoid the forest area in case forest diversion is not granted.
17. PP shall ensure ground water quality should be maintained.
18. Impacts of Salinity in the irrigated area by drip irrigation should be properly examined and necessary action should be taken as and when envisaged.
19. Proper landscaping of the area in an around Pump houses should be done and implemented accordingly.
20. The project proponent shall comply with the provisions contained in this Ministry's OM issued vide F.No. 22-65/2017-IA.III dated: 25 February 2021, as applicable,



(Shriman Shukla)  
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regarding Corporate Environment Responsibility and Environmental Management Plan.

21. PP should ensure to submit half yearly compliance report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, GoI, Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

3. **Case No 8528/2021**, Amendment in Prior Environmental Clearance for **Stone Quarry** in an area of 2.725 ha. for production capacity of 6750 cum per annum at Khasra No. 524, 527 at Village - Aamdoh, Tehsil - Ghoradongri, Dist. - Betul (MP) by Shri Swapan Vishwas, Village - Aamdoh, Tehsil - Ghoradongri, Dist. - Betul (MP).

The case was discussed in 674<sup>th</sup> SEIAA meeting dtd 07.04.2021 for amendment in EC issued by DEIAA, Betul and sent to SEAC for examination. After that the case recommended in 501<sup>st</sup> SEAC meeting dtd. 29.06.2021 and it was recorded that.....

- During presentation, PP presented various documents such as lease sanction order, Gram Sabha/Gram Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-I, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per MO letter NIL dated NIL no more mines operating or proposed within 500 meters around the said mine. PP further submitted that:
- Previously DEIAA, Betul vide letter No. 65 dated 5/10/16 (Case No. 32/16) has issued EC for 6750 Cum/Year of Stone in an area of 2.725 ha. at Khasra No. 524, 527 with a condition that mining shall be carried out only through rock breaker due to existence of a irrigation dam at a distance of 130 meters.
  - However at the time of EC from DEIAA, PP could not obtained NOC for dam authority and thus DEIAA restricted the mining operations through "Rock breaker" without blasting.
  - As per the local geology (Basalt), the mining is not possible with rock breaker and thus we are unable to meet the targeted production.
  - We have recently obtained NOC from EE, WRD, Betul vide letter no. 578 dated 25/2/21 wherein authority has permitted for mining with Control Blasting opposite site of dam with less number of blasting holes.
  - The dam is 130 meters away from the lease and as per MMR, 1996 the minimum criteria is 100 meters.
  - Since our production is only 6750 Cum/Year i.e. daily production will be 22.50 Cum hence we can implement the suggestion of EE, WRD to carryout mining with blasting.
  - Now, the frequency of blasting will be once in a week with controlled muffle blasting.
  - 34 mm dia hole will be used with reduced depth of 1.5 meters (depth of hole) to reduce the impact of vibration.
  - As per the Standard, for safety of structures from threshold damage, the ground peak particle velocity should not exceed 2.0 mm/sec for Stone. In this case the PPV at a distance of 70 meters is 1.81 mm/sec which is safe.
  - Additionally, we will take-up three rows plantation towards the dam site.
- PP submitted that since the production is only 6750 Cum/year i.e. daily production will be 22.50 Cum/Year, the frequency of blasting will be reduced to once in a week with single row muffle controlled blasting and the number of hole/blast will be 30 in nos.
- PP has proposed to carry out 3300 plantations and budgetary allocations in EMP. (Capital Rs. 3.93 lakhs & Recurring Rs. 3.20 lakhs).

(Shriman Shukla)  
Member Secretary

(Anil Kumar Sharma)  
Member

(Arun Kumar Bhatt)  
Chairman



After deliberation, committee recommends that since PP has obtained permission from EE, WRD, Betul (wherein concerned department /authority has permitted for mining with Control Blasting and less number of blasting holes) hence case is recommended for amendment in EC condition to carryout stone quarry mining with control blasting technique in an area of 2.725 ha., at Khasra No. 524, 527 for 6,750 cum per annum production in Village - Aamdoh, Tehsil - Ghoradongri, Dist. Betul (MP). Other conditions of EC issued by DEIAA Vide letter No. 65 dated 5/10/2016 shall remain unchanged. All social activities conducted under CER shall be displayed on the company's website with three months interval and updated regularly."

After detailed discussion and deliberation, it was decided that write a letter to the Collector, Betul for constitution of committee comprising of Mining Officer and Revenue Officer of District – Betul to carry out the site inspection in review of the permission given by the EE, WRD and also verify the status of other sanction & operated mines falling within 500 m periphery of the proposed mine. The committee shall submit a report through Collector, Betul within 15 days. Copy to Chief Engineer, Water Resource Department.

4. **Case No. 8266/2021, Prior Environment Clearance for Stone Quarry (opencast manual/semi-mechanized method)** in an area of 2.0 ha. for production capacity of 12500 cum per annum at Khasra No. 14, 15, 16, 17, 18, 31 at Village - Utti, Tehsil - Jobat, Dist. Alirajpur (MP) by M/s Shree Udaigarh Balwadi Highway Private Ltd, M/s Shreeji Infraspaces Pvt. Ltd, Ahmedabad, R/o, Hal Mukam, Tehsil - Jobat, Dist. - Alirajpur (MP)

The case was discussed in 675<sup>th</sup> SEIAA meeting dtd 08.04.2021 and it was recorded that .....

*This case was recommended in 498<sup>th</sup> SEAC meeting dtd. 06.04.2021 and it was recorded that.....*

*"-----PP has submitted the response of above quarries same date vide letter dated 03.04.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':"*

*PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail. After detailed discussions and perusal of recommendations of 498<sup>th</sup> SEAC meeting dtd. 06.04.2021, presentation made by the PP in SEIAA, it was observed through Google Earth satellite imagery that the other mines are visible in the vicinity of 500 m radius of the proposed mines. However, the Mining Officer vide Letter No. 74 dtd. 27.01.2021 mentioned that there is no other mine is sanctioned /operational in the 500 m periphery of the proposed mine.*

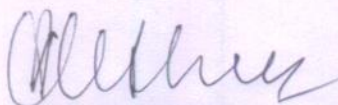
*After detailed discussion, it is decided to send a letter to Mining officer, Alirajpur to clarify the present status of sanctioned/ operational mines that exist within 500 m periphery of the proposed mines. Copy to Collector, Alirajpur and PP also.*

The Mining Officer, Alirajpur (vide letter dated 29.06.2021 received through E-mail on 29.06.2021 at MPSEIAA office) clarified the status of other mines falling within 500 m periphery of the proposed mine. It is mentioned in the letter that there is no other mine sanctioned/ operational within 500 m. periphery of proposed ML area.

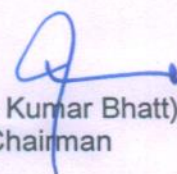
The committee observed that as per the following satellite image of Google Earth there are two other mines are falling within a 500 m periphery of the proposed mines:



(Shriman Shukla)  
Member Secretary



(Anil Kumar Sharma)  
Member



(Arun Kumar Bhatt)  
Chairman



1. MPSEIAA Case no. 8267/2021 in an area of 2.0 ha of M/s Shree Katthiwada Bhabra Udaigarh Highway Private Ltd. through M/s Shreeji Infraspaces Pvt. Ltd., Ahmedabad.
2. MPSEIAA Case no. 8059/2020 in an area of 2.87 ha of Smt. Prabha Baghel, Dhadhasia, Tehsil - Jobat, Dist. - Alirajpur.

As above the total area including the proposed mine is exceeding 5.00 ha, hence the case is falling under B1 category.

After detailed discussion and deliberation, it was decided that write a letter to the Collector, Alirajpur for constitution of committee comprising of Mining Officer and Revenue Officer of District – Alirajpur to carry out the site inspection to verify the status of other sanctioned & operated mines falling within 500 m periphery of the proposed mine. The committee shall submit a report through Collector, Alirajpur within 15 days. Copy to PP.

5. Case No. 8267/2021, Prior Environment Clearance for Stone Quarry (opencast manual/semi-mechanized method) in an area of 2.0 ha. for production capacity of 12500 cum per annum at Khasra No. 35, 48, 49, 180/1, 180/2, 180/3, 180/4, 180/5 at Village - Utti, Tehsil - Jobat, Dist. - Alirajpur (MP) by M/s Shree Udaigarh Balwadi Highway Private Ltd, M/s Shreeji Infraspaces Pvt. Ltd, Ahmedabad, R/o, Hal Mukam, Tehsil - Jobat, Dist. - Alirajpur (MP)

The case was discussed in 675<sup>th</sup> SEIAA meeting dtd 08.04.2021 and it was recorded that .....

*This case was recommended in 498<sup>th</sup> SEAC meeting dtd. 06.04.2021 and it was recorded that.....*

*"-----PP has submitted the response of above quarries same date vide letter dated 03.04.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':"*

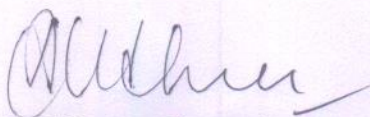
*PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail. After detailed discussions and perusal of recommendations of 498<sup>th</sup> SEAC meeting dtd. 06.04.2021, presentation made by the PP in SEIAA, it was observed through Google Earth satellite imagery that the other more mines are visible in the vicinity of 500 m radius of the proposed mines. However, the Mining Officer vide Letter No. 76 dtd. 27.01.2021 mentioned that there is no other mine is sanctioned /operational in the 500 m periphery of the proposed mine.*

*After detailed discussions, it is decided to send a letter to Mining officer, Alirajpur to clarify the present status of sanctioned / operational mines that exist within 500 m periphery of the proposed mines. after that the case will be apprised. Copy to Collector, Alirajpur and PP also."*

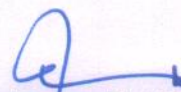
The Mining Officer, Alirajpur (vide letter dated 29.06.2021 received through E-mail on 29.06.2021 at MPSEIAA office) clarified the status of other mines falling within 500 m periphery of the proposed mine. It is mentioned in the letter that there is no other mine sanctioned/ operational within 500 m. periphery of proposed ML area.



(Shriman Shukla)  
Member Secretary



(Anil Kumar Sharma)  
Member



(Arun Kumar Bhatt)  
Chairman



The committee observed that as per the following satellite image of Google Earth there are two other mines are falling within a 500 m periphery of the proposed mines:

1. MPSEIAA Case no. 8266/2021 in an area of 2.0 ha of M/s Shreeji Udaigarh Balwadi Higway Private Ltd. through M/s Shreeji Infraspac Pvt. Ltd., Ahemdabad.
2. MPSEIAA Case no. 8059/2020 in an area of 2.87 ha of Smt. Prabha Baghel, Dhadhasia, Tehsil - Jobat, Dist. - Alirajpur.

As above the total area including the proposed mine is exceeding 5.00 ha, hence the case is falling under B1 category.

After detailed discussion and deliberation, it was decided that write a letter to the Collector, Alirajpur for constitution of committee comprising of Mining Officer and Revenue Officer of District – Alirajpur to carry out the site inspection to verify the status of other sanction & operated mines falling within 500 m periphery of the proposed mine. The committee shall submit a report through Collector, Alirajpur within 15 days. Copy to PP.

6. Case No 8249/2021, Prior Environment Clearance for **Stone Quarry** in an area of 1.450 ha. for production capacity of 9994 cum per annum at Khasra No. 210 at Village - Chargaon, Tehsil - Kurai, Dist. - Seoni (MP) by Shri Ravikumar Chandrawanshi, R/o Gram - Katangi, Post - Rajola, Tehsil - Kurai, Dist. - Seoni, MP – 480880

The case was discussed in 673<sup>rd</sup> SEIAA meeting dtd 06.04.2021 and it was recorded that.....

*The case was recommended in 489<sup>th</sup> SEAC meeting dated 12.03.2021 and it was recorded that.....*

*"The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':"*

**Hence, it was decided to write a letter to Mining Officer, Seoni to clarify the current status of sanctioned mines within 500 m periphery of the proposed ML area. Copy to Collector, District – Seoni (MP).**

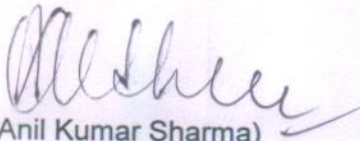
PP has submitted the Mining Officer, Seoni letter dtd. 22.06.2021 at SEIAA office on 24.06.2021 regarding the status of sanctioned/ operational mines within 500 m periphery of the proposed mine. As per the Mining Officer letter there are two other mines of 2.85 ha & 2.00 ha. falling within 500 m. periphery of the proposed mine. However, out of the 02 mines one mine of 2.0 ha has been surrendered to the mining department. Therefore, the total area of cluster is 4.30 ha. including the proposed mine areas of 1.45 ha.

As per satellite image of Google Earth there is one more mine visible in the 500 m periphery of the proposed mine. The visible mine was registered Case No. 5862 in an area of 2.79 ha of Shri Rakesh Sanodiya S/o Shri Korsingh Sanodiya, Kidwai Ward, Dist. – Seoni in MPSEIAA and prior EC was issued on 18.02.2021 in this case.

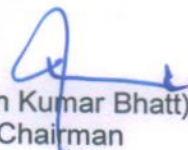
As above the total area including the proposed & operative mines is exceeding 5.00 ha, hence the case is falling under B1 category.



(Shriman Shukla)  
Member Secretary



(Anil Kumar Sharma)  
Member



(Arun Kumar Bhatt)  
Chairman



After detailed discussion and deliberation, it was decided that write a letter to the Collector, Seoni for constitution of committee comprising of Mining Officer and Revenue Officer of District – Seoni to carry out the site inspection to verify the status of other sanction & operated mines falling within 500 m periphery of the proposed mine. The committee shall submit a report through Collector, Seoni within 15 days. Copy to PP.

7. **Case No. 2370/2015:** Prior Environmental Clearance for **Basalt Stone Quarry** (Opencast Semi - Mechanized Method) in an area of 2.731 ha. for production capacity of 14700 cum/year at Khasra nos. 508/1,508/2 at Village – Choukhdi, Tehsil-kirkiya Distt-Harda (MP) by Shri Indra Jeet S/o Shri S.K. Choudhary MIG 25 Harde, Distt. - Harda (M.P.) - 461331.

The EC was granted in 201<sup>st</sup> SEIAA meeting dtd 22.05.2015 and EC issued to PP vide Letter No. 3173 dtd. 06.07.2015.

The Additional Collector, Harda vide letter dtd. 20.10.2020 informed that the mine sanctioned to Shri Indra Jeet Choudhary at Khasra nos. 508/1, 508/2 of 2.731 ha has lapsed as the mine was not operational for the last one year and nine months.

The prior EC issued for **Basalt Stone Quarry** (Opencast Semi - Mechanized Method) in an area of 2.731 ha. for production capacity of 14700 cum/year at Khasra nos. 508/1,508/2 at Village – Choukhdi, Tehsil - Kirkiya Distt. - Harda (MP) to Shri Indra Jeet S/o Shri S.K. Choudhary MIG 25 Harde, Distt-Harda (M.P.) on 06.07.2015 was valid for the lease period. As per the letter of Additional Collector, District - Harda the mine has lapsed, therefore it is decided that the prior EC issued on 06.07.2015 is hereby revoked. Copy to PP and all concerned.

**B. Policy Decision in compliance of Hon'ble NGT (CZ) Order dtd. 21.06.2021**

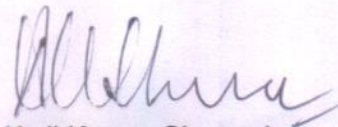
In compliance of the order dated 21.06.2021 passed by Hon'ble National Green Tribunal, (CZ) Bhopal in the matter of Original Application No. 100/2020/CZ titled as Nitin Kumar versus State of Madhya Pradesh and Others. The Ministry of Environment, Forest and Climate Change vide letter dated 28.06.2021 desired that the SEIAA clearly defines duration in EC granting orders.

The committee considered the matter and after the detailed discussion it was decided that a legal opinion should be taken from Shri Sachin Verma, Counsel for Government of Madhya Pradesh and the matter shall be presented in the upcoming SEIAA meeting.

*Meeting ended with a vote of thanks to the Chair.*



(Shriman Shukla)  
Member Secretary



(Anil Kumar Sharma)  
Member



(Arun Kumar Bhatt)  
Chairman