

Minutes of 478th SEAC Meeting Dated 20/07/2020

The 478th meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 20/07/2020. Following members participated in the online meeting:

| | | |
|----|---------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Sarita Sinha, | Member |
| 3. | Dr. Virendra Misra, | Member |
| 4. | Dr. Pramod Kumar Mishra, | Member |
| 5. | Dr. Ranjeet Kumar Dalela, | Member |
| 6. | Dr. Ajoy Kumar Mandal, | Member |
| 7. | Shri Rajive Kumar, | Member |
| 8. | Prof. S.K. Upadhyay, | Member |
| 9. | Shri Meraj Uddin, | Member |

The Chairman welcomed the members to the 478th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Stone crusher project at Khasra No. 126, 127, 130 & 131, Village – Aslampur Bartha, Tehsil-Behat, District- Saharanpur U.P., M/s Neelkanth Stone Crusher.**

The committee noted that the matter was earlier discussed in 427th SEAC meeting dated 23/10/2019 and decided is as follows:

“The SEAC noted that the project proponent has apply for the Environment Clearance of stone crusher unit in at Village-Aslampur Bartha, Tehsil- Behat, Saharanpur, U.P., M/s Khalsa Stone Crusher in compliance to the Hon’ble National Green Tribunal order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC. SEAC deliberated that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). Hence, the committee opined that a clarification in this regard should be sought from Ministry of Environment, Forests and Climate Change, Govt. of India.”

A clarification sought by Member Secretary, UPPCB vide letter dated 18/03/2019 from Ministry of Environment, Forests and Climate Change, Govt. of India in the matter of NGT O.A. No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC but no reply has been received from MoEF&CC, Govt. of India.

The project proponent again requested to list the matter in SEAC meeting in view of Hon’ble NGT order dated 19/07/2017 and issue the environmental clearance for the project. The matter was again listed in 447th SEAC meeting dated 16/01/2020 and the project proponent did not appear in the meeting.

The project proponent again requested to list the matter in next SEAC meeting. Hence, the matter was listed in SEAC meeting dated 20/07/2020. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Stone crusher project at Khasra No. 126, 127, 130 & 131, Village – Aslampur Bartha, Tehsil- Behat, District- Saharanpur U.P., M/s Neelkanth Stone Crusher.
2. On 14.10.2011 NOC from UPPCB was granted to the crusher unit for establishment under The Water (Prevention and Control of Pollution) Act, 1974 & The Air (Prevention and Control of Pollution) Act, 1981.
3. In July 2017, Hon'ble NGT, New Delhi on a petition ordered project proponent that these stone crusher cannot be permitted to operate unless they get the Environment Clearance from competent authority. Also Supreme court order dated 03 May 2019.
4. On 18.03.2011, the proponent got License for Storage of 75,000 cum minor mineral from Mining Department, Office of District Magistrate, Saharanpur.
5. In compliance of the order of Hon'ble NGT, the objective of the presentation is to get the Environment Clearance from SEIAA, UP to start the operations of the said crusher unit i.e. M/s Neelkanth Stone Crusher.
6. Salient features of the project as submitted by the project proponent:

| Sl. No. | Item | Details |
|---------|---|---|
| 1. | Sl. No. in the schedule | Not covered in the schedule of EIA Notification 2006 (as amended) |
| 2. | Category of Project i.e. 'A' or 'B' | Not applicable as it is not in the schedule of EIA Notification 2006 (as amended) |
| 3. | Proposed capacity & Project Cost | Storage capacity- 75,000 cum for crushing Production capacity – 250 T/day, Project Cost: 3 Crore |
| 4. | Geographical location of the crusher unit | Latitude - 30°13'52.30"N Longitude - 77°31'40.6" E |
| 5. | Nearest Railway station/airport | Kalanour Railway Station- 24.5 Km*(SE) Sarsawa Airport- 29.1 Km*(SW) |
| 6. | Highways | 1. SH6A-6.9 km*(SE) 2. NH73A- 7.5 km* (NW) |
| 8. | Interstate boundary | Uttar Pradesh-Haryana: 1.6 km* (NW) |
| 9. | Water body | Yamuna River flowing at 1 km* (NW) |

7. The 50 nos. of tree planted all around the plant premises.

The project proponent also submitted Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 regarding applicability of EIA Notification, 2006 in respect of the beneficiation plant.

RESOLUTION AGAINST AGENDA NO-01

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/

representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.
7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19thMay, 1993 and 31stDecember,1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.

17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

B. Specific Conditions:

1. **In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.**
2. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
3. Source of water along with the permission of competent authority should be provided before initiation of the project.
4. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
5. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
6. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
7. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
8. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
9. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
10. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground

Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

12. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
13. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
14. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
15. No drilling and blasting operation shall be carried out.
16. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
17. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
18. 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.
19. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
20. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall be submitted to this Authority within one year.
21. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
22. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
23. Rain water harvesting shall be undertaken to recharge the ground water source.
24. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
25. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
26. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De- silting at regular intervals shall be carried out.
27. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
28. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.

29. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
30. Project Proponent shall explore the possibility of using solar energy where ever possible.
31. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
32. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

2. Stone crusher project at Khasra No. 126, 127, 130 & 131, Village – Aslampur Bartha, Tehsil- Behat, District- Saharanpur U.P., M/s Khalsa Stone Crusher.

The committee noted that the matter was earlier discussed in 427th SEAC meeting dated 23/10/2019 and decided is as follows:

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The project proponent again requested to list the matter in next SEAC meeting. Hence, the matter was listed in SEAC meeting dated 20/07/2020. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

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3. In July 2017, Hon’ble NGT, New Delhi on a petition ordered project proponent that these stone crusher cannot be permitted to operate unless they get the Environment Clearance from competent authority. Also Supreme court order dated 03 May 2019.
4. On 18.03.2011, the proponent got License for Storage of 75,000 cum minor mineral from Mining Department, Office of District Magistrate, Saharanpur.
5. Salient features of the project as submitted by the project proponent:

| Sl. No. | Item | Details |
|---------|-------------------------------------|---|
| 1. | Sl. No. in the schedule | Not covered in the schedule of EIA Notification 2006 (as amended) |
| 2. | Category of Project i.e. 'A' or 'B' | Not applicable as it is not in the schedule of EIA Notification 2006 (as amended) |

| | | |
|----|---|---|
| 3. | Proposed capacity & Project Cost | Storage capacity- 75,000 cum for crushing Production capacity – 250 T/day, Project Cost: 3 Crore |
| 4. | Geographical location of the crusher unit | Latitude - 30°13'52.30"N Longitude - 77°31'40.6" E |
| 5. | Nearest Railway station/airport | Kalanour Railway Station- 24.5 Km*(SE) Sarsawa Airport- 29.1 Km*(SW) |
| 6. | Highways | 1. SH6A-6.9 km*(SE) 2. NH73A- 7.5 km* (NW) |
| 8. | Interstate boundary | Uttar Pradesh-Haryana: 1.6 km* (NW) |
| 9. | Water body | Yamuna River flowing at 1 km* (NW) |

6. The 50 nos. of tree planted all around the plant premises.

The project proponent also submitted Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 regarding applicability of EIA Notification, 2006 in respect of the beneficiation plant.

RESOLUTION AGAINST AGENDA NO-02

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.
7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
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18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

B. Specific Conditions:

1. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
2. Source of water along with the permission of competent authority should be provided.
3. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
4. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
5. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
6. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
7. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
8. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
9. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
10. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
11. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
12. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
13. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
14. No drilling and blasting operation shall be carried out.
15. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
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18. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
 19. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall be submitted to this Authority within one year.
 20. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
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 24. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
 25. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De- silting at regular intervals shall be carried out.
 26. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
 27. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
 28. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
 29. Project Proponent shall explore the possibility of using solar energy where ever possible.
 30. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
 31. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.
3. सैण्ड/मौरम माइनिंग प्रकरण पत्रावली संख्या-5671, 5673 व 5674 से सम्बन्धित ई0आई0ए0 रिपोर्ट हेतु बेसलाईन डाटा माह- मार्च/अप्रैल/मई, 2020 के स्थान पर कोविड-19, लॉकडाउन के कारण माह अक्टूबर से दिसम्बर, 2019 तक का डाटा स्वीकार करने के सम्बन्ध में समिति द्वारा विचार-विमर्श।

RESOLUTION AGAINST AGENDA NO-03

The decision has already been taken in 470th SEAC meeting dated 15/06/2020 on agenda No. 3, 5 & 6. Hence, the application may be disposed off.

4. Discussion on Letter No.457/ICDM, Dated 14-06-2019 of Mr. Ajay Kumar Jaiswal, Executive Engineer, Irrigation Construction Division, Mauranipur, Jhansi.

The committee noted that the matter was earlier discussed in 407th SEAC meeting dated 01/07/2019 and decided is as follows:

“A presentation was made by the project proponent along with their consultant M/s EQMS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. Erach multipurpose project on Betwa river have dam constructed at geo-graphical coordinates at latitude 25° 43' 57.45" N and longitude 79° 03' 23.99" E near village Jujharpura in Garautha Tehsil, District Jhansi, U.P. The project site is about 85 km from District headquarter. It is approachable by road from Jhansi via either Chiragon-Ramnagar-Jujharpura route by travelling 75 km or Jhansi-Poonch-Erach-Jujharpura route by travelling 85 km.*
- 2. The project has been conceived with chief aim of storing surface water for meeting the drinking, domestic water needs in the drought prone Jhansi district, where the ground water resources are very limited in hard rock area and are not able to meet drinking water requirement.*
- 3. It is primarily an intervention in River Betwa for creating a reservoir for accomplishing the following:*
 - a) Assured source for drinking/domestic water in drought prone areas in 378 villages under five blocks viz Bamore (101 villages), Gursarai (93 villages), Baragaon (64 villages), Chirgaon (86 villages and Moth (34 villages). Assured source for stabilizing irrigation facility to part command covered under Erach Distributary for accomplishing annual irrigation in 1850 ha.*
 - b) Hydro-power generation (4.0 MW) for meeting the energy requirement for lifting water from reservoir.*

The project being multipurpose project of high importance and irrigation departments intention to pay high attention to environment protection, Chief Engineer, Betwa desired to have reconfirmation of the applicability of EIA Notification, 2006 and gain from the expertise and views of honorable State Expert Appraisal Committee, it prayed before the SEIAA, Lucknow, Uttar Pradesh, to reconfirm the issue regarding applicability of prior Environmental Clearance to the project within the existing frame work of E.P. Act, 1986 and grant environment clearance if found applicable.

The committee discussed the letter dated 14/06/2019 submitted by the project proponent and decided that the project it is a river valley cum irrigation project and to be specific a multipurpose project, yet the threshold limits set out for categorization of project on the basis of the project activities vis-à-vis the installed capacity in respect of hydro power generation or culturable command area in respect of an irrigation, which are listed in the 1(c) (i) and 1 (c) (ii) of the schedule of EIA Notification, 2006 and latest amendment Notification dated 14/08/2018 does not categorize the project even in any of the defined categories. Hence, SEIAA reconfirmed that this project does not attract the provision on EIA Notification for the components indicated above and is exempted of the grant of environment clearance.”

After the recommendation of SEAC, the matter was considered in 295th SEIAA meeting dated 20/07/2019 and directed is as follows:

“SEIAA noted that SEAC has commented that the project does not categorized in any of the defined categories of EIA notification 2006 (as amended) on the basis of the project activities vis-à-vis the installed

capacity in respect of hydropower generation or culturable command area which are listed in 1(c) (i) and 1(c)(ii) of the schedule. SEIAA is of the opinion that SEAC shall also review the project in the light of its total build-up area and its total area development limit."

RESOLUTION AGAINST AGENDA NO-04

As per the direction of SEIAA, the matter was listed in 478th SEAC meeting dated 20/07/2020. In the light of SEIAA minutes, the SEAC examined the matter and observed that the built up area of the project is less than 20,000 m². Hence, the environmental clearance is not required in the matter as per EIA Notification dated 14/09/2006 (as amended).

5. Construction of Rubber Dam at 1.5 Km downstream of Taj Mahal on Yamuna River in Agra City, District- Agra, U.P. File No. 5717/Proposal No. SIA/UP/MIS/161987/2020

A presentation was made by the project proponent along with their consultant M/s EQMS India Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Details regarding aerator and its capacity needs to be mentioned in view of biological oxidation.
2. Detail action plan for aquatic and terrestrial biodiversity protection is required considering change in nature of ecosystem from lotic to lentic.
3. Possibility of growth of blue-green algae (Cyanophyceae) due to release of nitrate and phosphate which may cause eutrophication.
4. The quality of water that will be stored in the reservoir should be monitored to evaluate the impacts.
5. Break up of environment management cost.
6. NOC from TTZ authority should be provided.
7. Permission from National Mission for Clean Ganga (NMCG) should be provided.

The matter shall be discussed after submission of online information on prescribed format.

6. Sand Mining on the Yamuna River bed at Khand No.-01, Village- Daulatpur Kachhar, Tehsil-Bhognipur, District-Kanpur Dehat, U.P., Lease Area: 8.5 Ha. File No. 5710/Proposal No. SIA/UP/MIN/54033/2020

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Ordinary Sand Mining at Khand No. 01, Village- Daulatpur Kachhar, Tehsil- Bhognipur, District- Kanpur Dehat, U.P., (Leased Area 8.5 ha).
2. Salient features of the project as submitted by the project proponent:

| | |
|--|--|
| 1. On-line proposal No. | SIA/UP/MIN/54033/2020 |
| 2. File No. allotted by SEIAA, UP | 5710 |
| 3. Name of Proponent | Shri Inder Singh |
| 4. Full correspondence address of proponent and mobile No. | 119 tilaknagar, Ramleela maidan Pukhraya, Tehsil - Bhognipur, District – Kannpur Dehat (U.P.) |
| | Mobile No- |
| | Email- |
| 5. Name of Project | Proposed riverbed Ordinary Sand mining project from Yamuna River for Shri Inder Singh |
| 6. Project location (Plot/Khasra/Gata No.) | Khand No. 01 |
| 7. Name of River | Yamuna |
| 8. Name of Village | Daulatpur Kachhar |
| 9. Tehsil | Bhognipur |

| | | | | |
|---|--|------------|-------------------|---------------|
| 10. District | Kanpur Dehat | | | |
| 11. Name of Minor Mineral | Ordinary Sand | | | |
| 12. Sanctioned Lease Area (in Ha.) | 8.5 | | | |
| 13. Max & Min mRL within lease area | Max- 104 mRL and Min- 102.644 mRL | | | |
| 14. Pillar Coordinates (Verified by DMO) | | Pillar No. | Latitude | Longitude |
| | | A | 26° 8'6.12"N | 79°45'11.17"E |
| | | B | 26° 8'11.30"N | 79°45'6.80"E |
| | | C | 26° 8'14.27"N | 79°45'5.60"E |
| | | D | 26° 8'10.21"N | 79°44'54.42"E |
| | | E | 26° 8'1.68"N | 79°45'7.37"E |
| 15. Total Geological Reserves | 1,72,883 cum | | | |
| 16. Total Mineable Reserves in LOI | 1,02,000 cum | | | |
| 17. Total Proposed Production | 5,10,000 cum | | | |
| 18. Proposed Production/year | 1,02,000 cum | | | |
| 19. Sanctioned Period of Mine lease | 5 years | | | |
| 20. Production of mine/day | 392.30 | | | |
| 21. Method of Mining | Open Cast Semi-mechanized Method | | | |
| 22. No. of working days | 260 days | | | |
| 23. Working hours/day | 8 hrs | | | |
| 24. No. of workers | 55 | | | |
| 25. No. of vehicles movement/day | 30 | | | |
| 26. Type of Land | Government waste land | | | |
| 27. Ultimate Depth of Mining | 1.356 | | | |
| 28. Nearest metalled road from site | 0.2 km | | | |
| 29. Water Requirement | PURPOSE | | REQUIREMENT (KLD) | |
| | Drinking | | 0.55 | |
| | Suppression of dust | | 9.54 | |
| | Plantation | | 0.48 | |
| | Others (if any) | | - | |
| | Total | | 10.57 | |
| 30. Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022 | | | |
| 31. Any litigation pending against the project or land in any court | No | | | |
| 32. Details of 500 m Cluster Map & certificate issued by Mining Officer | Yes, 63/ Khanij M M C- Tees- Vividh(2020-2021) | | | |
| 33. Details of Lease Area in approved DSR | Yes area is in DSR | | | |
| 34. Proposed CER cost | Rs 5,73,000 /- | | | |
| 35. Proposed EMP cost | Rs 19,71,198 /- | | | |
| 36. Length and breadth of Haul Road | Length: 0.794 km, width: 6 m | | | |
| 37. No. of Trees to be Planted | 240 plants | | | |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue the standard terms of reference (TOR) for the preparation of EIA as annexed at annexure-1.

7. Sand/ Morrum Mining from Dhasan River Bed at Khand No.- 04, Village- Tolakhangaram, Tehsil- Rath, District-Hamirpur U.P., Area: 21 ha. File No. 5719/Proposal No. SIA/UP/MIN/54439/2020

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/ Morrum Mining at Khand No. 04, Village- Tolakhangaran, Tehsil- Rath, District- Hamirpur, U.P., (Leased Area 21.0 ha), M/s M R Gupta and Company Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

| | | | |
|--|---|---------------|-------------------|
| 1. On-line proposal No. | SIA/UP/MIN/54439/2020 | | |
| 2. File No. allotted by SEIAA, UP | 5719 | | |
| 3. Name of Proponent | Shri Sachin Gupta | | |
| 4. Full correspondence address of proponent and mobile No. | 1B L. S. C. Narayan Industrial area Phase- 2, District- Delhi | | |
| | Mobile No- | | |
| | Email- | | |
| 5. Name of Project | Riverbed Sand/Morrum mining project | | |
| 6. Project location (Plot/Khasra/Gata No.) | Khand No. 04 | | |
| 7. Name of River | Dhasan | | |
| 8. Name of Village | Tolakhangaran | | |
| 9. Tehsil | Rath | | |
| 10. District | Hamirpur | | |
| 11. Name of Minor Mineral | Sand/Morrum | | |
| 12. Sanctioned Lease Area (in Ha.) | 21 | | |
| 13. Max & Min mRL within lease area | Max- 126 mRL and Min- 124.34 mRL | | |
| 14. Pillar Coordinates (Verified by DMO) | Pillar No. | Latitude | Longitude |
| | A | 25°42'51.61"N | 79°22'13.98"E |
| | B | 25°42'42.85"N | 79°22'29.99"E |
| | C | 25°42'27.25"N | 79°22'22.76"E |
| | D | 25°42'35.62"N | 79°22'12.69"E |
| 15. Total Geological Reserves | 5,57,808 cum | | |
| 16. Total Mineable Reserves in LOI | 3,35,959 cum | | |
| 17. Total Proposed Production | 16,79,795 cum | | |
| 18. Proposed Production/year | 3,35,959 cum | | |
| 19. Sanctioned Period of Mine lease | 5 years | | |
| 20. Production of mine/day | 1292.15 | | |
| 21. Method of Mining | Open Cast Semi-mechanized Method | | |
| 22. No. of working days | 260 days | | |
| 23. Working hours/day | 8 hrs | | |
| 24. No. of workers | 65 | | |
| 25. No. of vehicles movement/day | 97 | | |
| 26. Type of Land | Government waste land | | |
| 27. Ultimate Depth of Mining | 1.66 | | |
| 28. Nearest metalled road from site | 1.0 km | | |
| 29. Water Requirement | PURPOSE | | REQUIREMENT (KLD) |
| | Drinking | | 0.65 |
| | Suppression of dust | | 10.92 |
| | Plantation | | 1.05 |
| | Others (if any) | | - |
| | Total | | 12.62 |
| 30. Name of QCI Accredited Consultant with | Cognizance Research India Pvt Ltd. | | |

| | |
|---|---|
| QCI No and period of validity. | 1922, validity= 03-02-2022 |
| 31. Any litigation pending against the project or land in any court | No |
| 32. Details of 500 m Cluster Map & certificate issued by Mining Officer | Yes, 428/ Khanij M M C- Tees- Vividh(2020-2021) |
| 33. Details of Lease Area in approved DSR | Yes the lease area is given in DSR |
| 34. Proposed CER cost | Rs 6,24,000 /- |
| 35. Proposed EMP cost | Rs 26,99,525 /- |
| 36. Length and breadth of Haul Road | Length: 0.9 km, width: 6 m |
| 37. No. of Trees to be Planted | 525 plants |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional points:

Additional TORs:

1. Revised/latest cluster certificate on prescribed format should be provided at the time of EIA presentation.
2. Clarification regarding haul road towards north-west side of the lease area.

8. Sand Mining on Ghaghra River Bed at Gata No.-01, Village-Kalafarpur Manjha, Tehsil-Sohawal, Ayodhya., M/s Hina Enterprises.,Area:8.7 Ha. File No. 5720/Proposal No. SIA/UP/MIN/53784/2020

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Ordinary Sand Mining at Khand No. 01, Village-Kalafarpur Manjha, Tehsil- Sohawal, District- Ayodhya, U.P., of M/s Hina Enterprises Shri Ubaid Khan, (Leased Area 8.7 ha).
2. Salient features of the project as submitted by the project proponent:

| | |
|--|---|
| 1. On-line proposal No. | SIA/UP/MIN/53784/2020 |
| 2. File No. allotted by SEIAA, UP | 5720 |
| 3. Name of Proponent | Shri Ubaid Khan |
| 4. Full correspondence address of proponent and mobile No. | Village- Raunahee, Tehsil - Sohawal, District – Ayodhya (U.P.) |
| 5. Name of Project | Proposed riverbed Ordinary Sand mining project |
| 6. Project location (Plot/Khasra/Gata No.) | Gata No. 01 |
| 7. Name of River | Ghaghra |
| 8. Name of Village | Kalafarpur Manjha |
| 9. Tehsil | Sohawal |

| | | | | |
|---|--|------------|-------------------|---------------|
| 10. District | Kanpur Dehat | | | |
| 11. Name of Minor Mineral | Ordinary Sand | | | |
| 12. Sanctioned Lease Area (in Ha.) | 8.7 | | | |
| 13. Max & Min mRL within lease area | Max- 98 mRL and Min- 96.031 mRL | | | |
| 14. Pillar Coordinates (Verified by DMO) | | Pillar No. | Latitude | Longitude |
| | | A | 26°47'57.35"N | 81°54'27.11"E |
| | | B | 26°47'59.92"N | 81°54'29.16"E |
| | | C | 26°47'48.74"N | 81°54'39.29"E |
| | | D | 26°47'37.59"N | 81°54'52.06"E |
| | | E | 26°47'36.61"N | 81°54'52.39"E |
| | | F | 26°47'36.45"N | 81°54'48.77"E |
| | | G | 26°47'47.86"N | 81°54'36.28"E |
| | | H | 26°47'52.94"N | 81°54'30.54"E |
| 15. Total Geological Reserves | 2,10,763cum | | | |
| 16. Total Mineable Reserves in LOI | 1,30,500 cum | | | |
| 17. Total Proposed Production | 6,52,500 cum | | | |
| 18. Proposed Production/year | 1,30,500 cum | | | |
| 19. Sanctioned Period of Mine lease | 5 years | | | |
| 20. Production of mine/day | 501.92 | | | |
| 21. Method of Mining | Open Cast Semi-mechanized Method | | | |
| 22. No. of working days | 260 days | | | |
| 23. Working hours/day | 8 hrs | | | |
| 24. No. of workers | 64 | | | |
| 25. No. of vehicles movement/day | 38 | | | |
| 26. Type of Land | Government waste land | | | |
| 27. Ultimate Depth of Mining | 1.969 | | | |
| 28. Nearest metalled road from site | 2.5 km | | | |
| 29. Water Requirement | PURPOSE | | REQUIREMENT (KLD) | |
| | Drinking | | 0.64 | |
| | Suppression of dust | | 6.48 | |
| | Plantation | | 0.45 | |
| | Others (if any) | | - | |
| | Total | | 7.57 | |
| 30. Name of QCI Accredited Consultant with QCI No and period of validity. | Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022 | | | |
| 31. Any litigation pending against the project or land in any court | No | | | |
| 32. Details of 500 m Cluster Map & certificate issued by Mining Officer | Yes, 199/तीस उपखानिज / क्ल०प्र०पत्र /2020 | | | |
| 33. Details of Lease Area in approved DSR | Yes area is in DSR | | | |
| 34. Proposed CER cost | Rs 6,51,000 /- | | | |
| 35. Proposed EMP cost | Rs 30,29,683 /- | | | |
| 36. Length and breadth of Haul Road | Length: 0.540 km, width: 6 m | | | |
| 37. No. of Trees to be Planted | 225 plants | | | |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional points:

Additional TORs:

1. Revised/latest cluster certificate on prescribed format should be provided at the time of EIA presentation.

9. Sand Mining from Ghaghara River Bed at Gata No.-391 ka/ 67, Village-Mahuapar Khurd, Distt.-Basti., M/s Shri Ajay Kumar Singh Area-10 Ha. File No. 3914/Proposal No. SIA/UP/MIN/157159/2020

RESOLUTION AGAINST AGENDA NO-09

The committee noted the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 109/Parya/SEAC/3914/2017, dated 23/01/2018 in favour of Shri Syed Sahil, S/o Mod. Rajan Babu, R/o Village-1/4/14, Kumhar Mandi, Sahadatganj, Faizabad. District Magistrate, Basti vide letter no. 242/खनन सहायक/18-19 dated 07/08/2018 cancelled the lease area allotted to Shri Syed Sahil due to non submission of royalty and new LoI has been issued by DM, Basti vide letter no. 580/खनन सहायक/18-19 dated 06/06/2019 in favour of Shri Ajay Kumar Singh, R/o Kajiyapur, Suratganj, District-Barabanki, U.P. The project proponent submit an application dated 02/09/2019 regarding transfer of environmental clearance letter dated 23/01/2018 in favour of Shri Ajay Kumar Singh, R/o Kajiyapur, Suratganj, District-Barabanki, U.P. The SEIAA vide letter no. 304/Parya/SEAC/3914/2019 dated 22/10/2019 transfer the environmental clearance letter dated 23/01/2018 to Shri Ajay Kumar Singh, R/o Kajiyapur, Suratganj, District-Barabanki, U.P.

The project proponent vide letter dated 19/05/2020 informed that during the submission of online application due to typographical error the geo coordinates of project mentioned wrongly. Hence, they applied for amendment in environmental clearance letter dated 23/01/2018.

A presentation was made by Shri Sunil Kumar, authorized representative of project proponent. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. Details of earlier proposal and proposed amendment in E.C letter dated 23/01/2018:

| Details mentioned in EC letter dated 23/01/2018 | | | Proposed amendment in EC letter dated 23/01/2018 | | |
|---|---------------|---------------|--|---------------|---------------|
| Pillar | Latitude (N) | Longitude (E) | Pillar | Latitude (N) | Longitude (E) |
| A | 26°34'19.05"N | 82°46'4.28"E | A | 26°34'52.17"N | 82°47'04.00"E |
| B | 26°34'29.47"N | 82°46'27.50"E | B | 26°34'54.84"N | 82°46'59.49"E |
| C | 26°34'25.43"N | 82°46'29.68"E | C | 26°34'40.68"N | 82°46'39.61"E |
| D | 26°34'14.81"N | 82°46'6.20"E | D | 26°34'37.94"N | 82°46'43.99"E |

The project proponent requested to amend the environmental clearance dated 23/01/2018 as per above project details.

RESOLUTION AGAINST AGENDA NO-09

The committee went through the file and documents and noted that the project proponent submitted the corrected desired documents. Hence, the committee recommended to amend the environmental clearance letter no. 109/Parya/SEAC/3914/2017, dated 23/01/2018 as per above project details.

Rest all the contents mentioned in environmental clearance letter no. 109/Parya/SEAC/3914/2017, dated 23/01/2018 shall remain the same.

10. Sand/Morrum Mining from Betwa Riverbed at Gata No.-240, Khand No.-5, Village-Himanpura, Tehsil-Kalpi, District-Jalaun, U.P. M/s Ghanaram Infra Engineers Pvt. Ltd. Area 16.194 ha. File No. 4157/Proposal No. SIA/UP/MIN/159088/2020

RESOLUTION AGAINST AGENDA NO-10

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 77/Parya/SEIAA/4157/2019 dated 27/05/2020 for the leased area 16.194 ha and production capacity of 2,42,910 m³/year. The project proponent Shri Bishan Singh, M/s Ghanaram Infra Engineers Pvt. Ltd. along with consultant M/s P&M Solution submitted a letter dated 22/05/2020 through which they have informed that most of the total mining lease area is in-stream of the river and as per SSMMG rules, 2016 the mining in-stream is prohibited.

Hence, as per rule 23(4) MMCR, 1963, the application may be disposed off.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Dr. Sarita Sinha)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Prof. S.K. Upadhyay,)
Member

(Shri Meraj Uddin)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Terms of Reference for the Mining Project

- 1) Latest Site Pit photographs should be submitted with date and time.
- 2) Baseline data of post monsoon period October to December, 2020 should be carried out and submitted.
- 3) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 4) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 5) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 6) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 7) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 8) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 9) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 10) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 11) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 12) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 13) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 14) A Certificate from the Competent Authority in the State Forest Department should be provided,

confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

- 15) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 16) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 17) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 18) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 19) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 20) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 21) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 22) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 23) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be

shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 24) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 25) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 26) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 27) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 28) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 29) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 30) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 31) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 32) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 33) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 34) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in

truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

- 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 36) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 37) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 38) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 39) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 40) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 41) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 46) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.