

Item No. 258.24: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Dagana Kalan, Tehsil & District Hoshiarpur, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur. (Proposal No. SIA/PB/MIN/436674/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village Dagana Kalan (**River bed mining site**), Tehsil & District Hoshiarpur, Punjab.

The Department has deposited requisite fee of Rs. 3,000/-vide reference no. N195232549390642 dated 14.07.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/Dagana Kalan /904 dated 22.03.2023.

1.0 Deliberations during 256th meeting of SEAC held on 21.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur.
- (iii) Mr. Sandeep Kumar, SDO, Hoshiarpur

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab 9417900074 sartaj.randhawa074@punjab.gov.in
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ii)	Name of Environmental Consultant Mobile No. Email ID	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in
iii)	Online Proposal No.	--
iv)	Project Name & Location	Dagana Kalan Sand Mining Project Village: Dagana Kalan
		Tehsil- Hoshiarpur District- Hoshiarpur, State Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

1.0 The details of the mining project are as under:

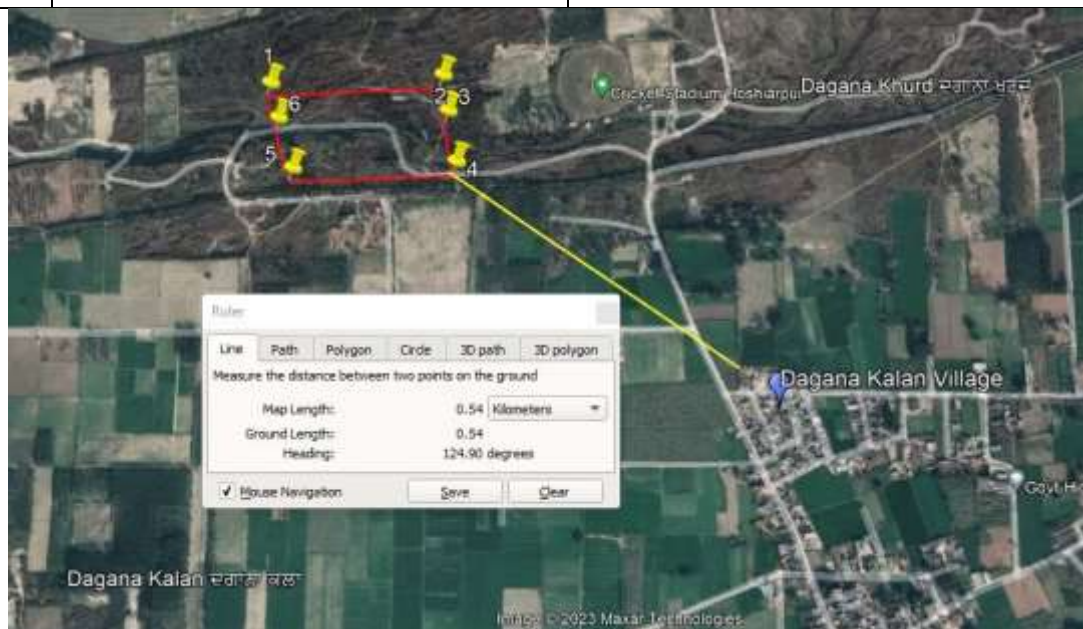
S.No.	Item	Details		
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2		
b.	Hadbast No. of the Village	231		
c.	Details of Khasra No. as under:			
	Khasra No. as per proposal	Khasra No. as per DSR	Khasra No. as per consent of land	Name of owner of the land as per land NOC, DSR and Jamabandi

	<p>99,100,101,102,103, 106,107,108,109,111,113,114,115,126,127,134, 133/338</p>	<p>Not mentioned in the DSR. (as on Pg. No 302 mentioned ed at Sr. no. 05 with Code- NS 05)</p>	<p>The consent of land is not in order since the name of the owner and the signing authorit y is not reflecte d.</p>	<p>Haravtar Singh, S/o Jagdish Singh</p>
The proposal is public mining site				
d.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be	No, the Dagana Kalan sand mining area mentioned in the DSR is same as per the proposal submitted.		

	earmarked in the KML file with different color.																									
d.1	<p>(i) Area & Quantity details as per Mining plan and proposal.</p> <p>(ii) Area and permissible quantity details as per DSR.</p>	<p>(i) 3.63 Ha (Proposed Resized Area-1.5Ha)* and 4038 TPA</p> <p>(ii) 3.63 Ha and 39726.72 MT</p> <p><i>*- According to notification PMMR 08.03.2013, 2.13 Ha area of the proposed mine site will come in flood protection embankment (bundh) area.</i></p>																								
e	Longitude & Latitude of the mining site	<table border="1"> <thead> <tr> <th colspan="3">Geo-Coordinates of the Lease Area</th> </tr> <tr> <th>Pillar No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>B.P 1</td> <td>31°32'6.43"</td> <td>75°51'47.31"</td> </tr> <tr> <td>B.P 2</td> <td>31°32'6.82"</td> <td>75°51'57.45"</td> </tr> <tr> <td>B.P 3</td> <td>31°32'4.93"</td> <td>75°51'57.78"</td> </tr> <tr> <td>B.P 4</td> <td>31°32'2.28"</td> <td>75°51'58.31"</td> </tr> <tr> <td>B.P 5</td> <td>31°32'1.96"</td> <td>75°51'48.75"</td> </tr> <tr> <td>B.P 6</td> <td>31°32'4.58"</td> <td>75°51'47.85"</td> </tr> </tbody> </table>	Geo-Coordinates of the Lease Area			Pillar No.	Latitude	Longitude	B.P 1	31°32'6.43"	75°51'47.31"	B.P 2	31°32'6.82"	75°51'57.45"	B.P 3	31°32'4.93"	75°51'57.78"	B.P 4	31°32'2.28"	75°51'58.31"	B.P 5	31°32'1.96"	75°51'48.75"	B.P 6	31°32'4.58"	75°51'47.85"
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f.	Details of cluster formation	There is no cluster formation, cluster letter is submitted.																								
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Attached Land NOC Submitted																								
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Attached Demarcation Report Submitted																								
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the certificate issued by the Divisional Forest Officer, Department of Forest & Wildlife to the effect that the proposed mining site is not included in the area notified under section 4 & 5 of PLPA 1900 and Eco-sensitive zone of wildlife sanctuary and conservation reserves covered under the wildlife protection act, 1972 and Punjab Wildlife Preservation Act, 1959 submitted.																								

		Further, as per the report of Sub-Divisional level Committee, Hoshiarpur, DFO has no objection in this regard.
j.	Salient features of approved mining plans	Salient features of approved mining plan are presented in Environment Management Plan (EMP) and Pre-feasibility Report (PFR), Submitted.
k.	Method of mining	Open cast Manual method of Mining is proposed for mining.
l.	No. of workers on the site when fully operational	35
m.	Total water requirement for domestic and other usage and its source	Domestic: 1.00 KLD Dust Suppression: 0.60 KLD Green Belt: 1.00 KLD Total: 2.60 KLD
n.	Waste water generation and its Disposal	Mobile toilet with Septic tank followed by Soak pit.
o.	Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.	Submitted
p.	Activities to be undertaken under EMP along with its cost.	Submitted.
q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site Self-Declaration certificate has been submitted.

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees would be felled during mining activity.
ii)	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	Dagana Kalan is the nearest village is at a distance of 0.54Km towards SE direction. The same has been incorporated in the KML file and will be presented before the committee.

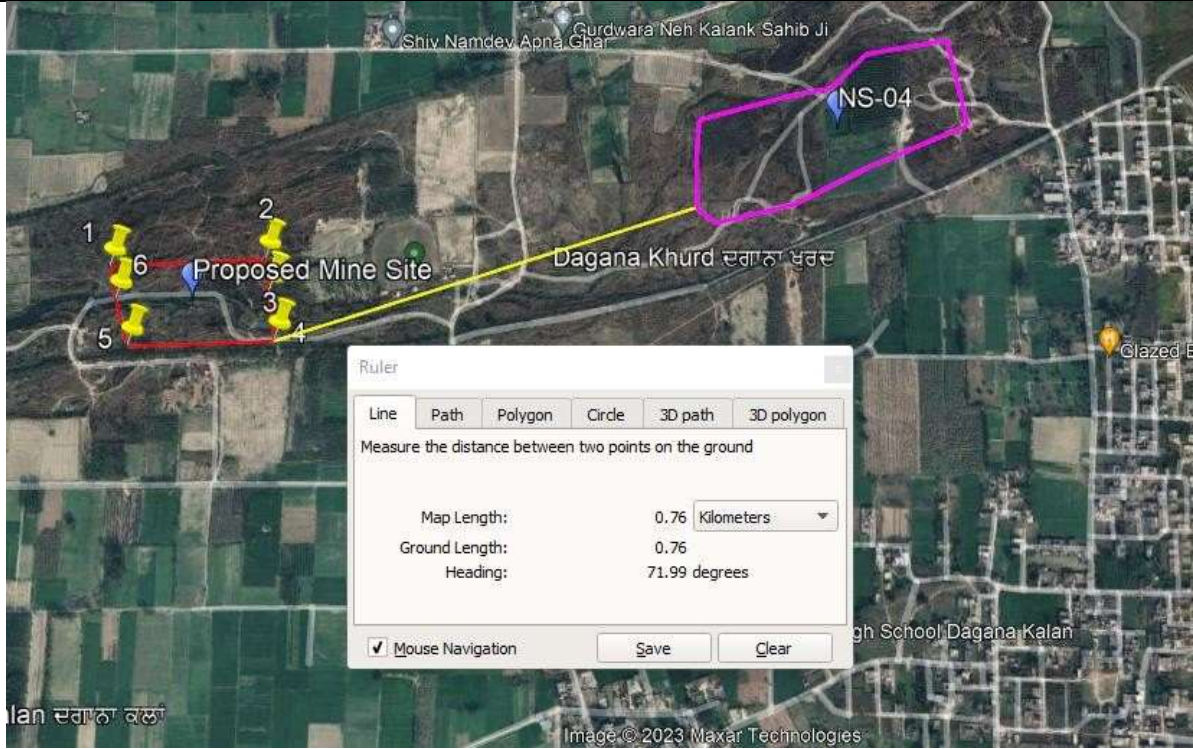


iii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Road Bridge – 2.76 Km towards ENE direction from the mine lease area. The same has been incorporated in the KML file and will be presented before the committee.
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iv) In case, the proposed mining site does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.

The proposed mining site does not include in a cluster. Distance from the nearest mining site Dagana Kalan (NS-04) Sand Mine 0.76 Km towards ENE. The same has been incorporated in the KML file and will be presented before the committee. Below image shows the KML file, the distance from the nearest mining site.



v) The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the

The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures are

	mitigation measures proposed for mitigating the environmental impacts	submitted.
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-	Submitted.
	mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	

During meeting, the committee observed that coordinates of the site were not mentioned in the Annexure V of the approved DSR; in continuation, the Project Proponent apprised the Committee that the coordinates of the proposed mining site are mentioned in Annexure 'G' of the approved DSR. The Committee perused the same and observed that the coordinates of the proposed site given in the Annexure-G of the approved DSR matches with the proposal.

The Committee further perused the proposal of the Department to carryout transportation of RBM from mining site by employing dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. In this regard, the Committee apprised the Department that SEAC in its 234th meeting held on 12.12.2022, after taking into the consideration the discussion held in the 15th joint meeting of SEIAA & SEAC devised criteria regarding method of sand mining proposed for State of Punjab, wherein it has been mentioned that for transportation of minor minerals, tippers having capacity up to 10 ton may be allowed and for capacity of the tipper more than 10 ton, the permission of concerned department responsible for maintenance of that road should be obtained. The Department agreed to employ tippers of capacity equivalent to or not more than 10 Ton.

The Committee further raised following observations during meeting and the Project Proponent submitted the pointwise reply as under:

Sr. No.	Observation raised by SEAC	Reply given by the Project Proponent
1.	The Project Proponent shall submit the revised EMP	Submitted.
2.	The Project Proponent shall submit the Land NoC for khasra No. and demarcation report (including layout) for proposed mining site measuring 1.5 Ha out of 3.63 Ha.	Submitted.
3.	The project proponent shall submit the L-section/cross section of the proposed site.	Submitted.
4.	The Committee asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos & area mentioned in the application proposal and land NOC are as per the latest jamabandi of Village Dagana Kalan, Tehsil & District Hoshiarpur.	Submitted.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.5 Ha for the quantity of 4038 TPA, which shall not exceed the quantity of 39726.72 Ton as per the approved DSR at Village Dagana Kalan, Tehsil & District Hoshiarpur, Punjab, subject to the conditions as under:

Specific conditions:

- (i) The project proponent shall demarcate the mining lease area in the presence of Lambardar of the village, project proponent/ contractor, owner of the land and owner of the adjoining land, Revenue officer & Mining officer, etc. Mining lease area will be demarcated on the ground with pucca pillars with reference to some permanent benchmark before starting any mining activity at site.
- (ii) Mining should begin only after pucca pillar marking the boundary of lease area is erected at the cost of the lease holder after certification by the Mining official and its geo-coordinates

are made available to the District Level Committee.

- (iii) Mining shall be carried out through semi- mechanized method as proposed in the mining plan.
- (iv) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- (v) The mining activity shall be carried out strictly as per the Sustainable Sand Mining Management Guidelines 2016, the provisions made in Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and the guidelines issued by the Geological Survey of India.
- (vi) The mining operation will be carried out only from sun-rise to sunset.
- (vii) The project proponent shall earmark at least two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site and monthly monitoring of the depth is to be carried out. District Mining Officer is to monitor the same.
- (viii) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board (PPCB) and effectively implement all the conditions stipulated therein.
- (ix) The project proponent shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.

- (x) The mining of minor mineral (sand) shall be carried out only up to a depth of 3m as proposed in the approved Mining plan or above the groundwater level, whichever is less.
- (xi) The mining shall be carried out by the contractor/lessor as per the Environment Management Plan prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals. It shall be ensured that no mining shall be carried out during the monsoon season as defined by the Meteorological department.
- (xii) The project proponent and Mining officer shall ensure that wherever deployment of labour attracts the Mines Act, the provisions thereof shall be strictly followed.
- (xiii) The project proponent shall undertake plantation/afforestation work by planting native species in the nearby area/ adjacent to the mine lease.
- (xiv) The project proponent shall ensure that 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 Ministry of Environment, Forests & Climate Change (MoEF&CC) /PCB in this regard.
- (xv) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological 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, if any, and installing new piezometers during the mining operation.
- (xvi) The periodic monitoring of groundwater [(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 (CGWA) and the data thus collected may be sent regularly to the MoEF&CC and its Regional office at Chandigarh, CGWA, the Regional Director, Central Ground Water Board; SEIAA, Punjab and PPCB. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.

- (xvii) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- (xviii) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only use treated waste water for dust suppression activities.
- (xix) Adequate numbers (as proposed) of trees shall be planted, protected, maintained and established in vacant area in the village near the mining site.
- (xx) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the PPCB. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment used for transportation.
- (xxi) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that, as far as possible, the transportation route will be away from the habitation area and will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- (xxii) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that the tippers carrying mined material are not loaded beyond the permissible load as per the designed load bearing capacity of the road. Moreover,

provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.

- (xxiii) A first aid room shall be provided in the project both during construction and operations of the project.
- (xxiv) 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.
- (xxv) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto the land for plantation.
- (xxvi) The municipal solid waste generated shall be disposed of as per Solid Waste Management (SWM) Rules 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of SWM Rules. Dustbins will be provided at site and the workers will be guided to put all the waste in these dustbins. If any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- (xxvii) The critical parameters such as Respirable Suspended Particulate Matter (RSPM) (Particulate matter with size less than 10 microns i.e., PM10) and Nitrogen oxides (NO_x) in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(Total Dissolved Solids (TDS), Dissolved Oxygen (DO), pH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009

issued by MoEF&CC, which is available at www.envfor.nic.in shall also be referred in this regard for its compliance.

- (xxviii) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab.
- (xxix) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to the applicable air and noise emission standards as provided in the Motor Vehicles Act, 1988.
- (xxx) Ambient noise levels should conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- (xxxi) The risk assessment and disaster management plan should be prepared.
- (xxxii) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- (xxxiii) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabitations or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- (xxxiv) The project proponent shall ensure the implementation of the post-closure mining plan as proposed by the project proponent in the Mining plan.

(xxxv) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.

General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel(minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zones as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) 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 PPCB.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NOx should be regularly submitted to the MoEF&CC including its Regional office located at Chandigarh and the PPCB / Central Pollution Control Board (CPCB) once in six months and SEIAA, Punjab.
- (v) Personnel working in dusty areas should wear protective respiratory devices and should be provided with adequate training and information on safety and health aspects. 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.
- (vi) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior executive, who will report directly to the head of the organization.
- (vii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional office

located at Chandigarh and SEIAA, Punjab.

- (viii) The project proponent should inform to the Regional Office of MoEF&CC located at Chandigarh and SEIAA, Punjab regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (ix) The Regional office of MoEF&CC located at Chandigarh and PPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional office by furnishing the requisite data /information / monitoring reports.
- (x) The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental clearance conditions including the results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional office Chandigarh, the respective Zonal Office of CPCB , PPCB, and SEIAA, Punjab. 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. It shall simultaneously be sent to the Regional office MoEF&CC, Chandigarh, the respective Zonal Office of CPCB and PPCB, and SEIAA, Punjab.
- (xi) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ 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.
- (xii) The project proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiii) The environmental statement for each financial year ending 31 March in Form-V as mandated to be submitted by the project proponent to the PPCB (as prescribed under the Environment (Protection) Rules, 1986 amended from time to time), shall also be put on the website of the company along with the

status of compliance of environmental clearance conditions. In addition, it shall also be sent to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab by e-mail.

- (xiv) The project proponent shall adhere to the commitments made in the Environment Management Plan.
- (xv) The project proponent 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 environmental clearance letter informing that the project has been accorded Environmental Clearance (EC) and a copy of the clearance letter is available with the PPCB and also at web site of MoEF&CC at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional office of MoEF&CC at Chandigarh and SEIAA, Punjab.
- (xvi) The MoEF&CC and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xvii) The SEIAA may cancel the EC granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this EC, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the EC.
- (xviii) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the MoEF&CC/PPCB and SEIAA, Punjab.
- (xix) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xx) The project proponent may apply for transfer of EC under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the EC is transferred in his name and he is

lawfully bound to comply with the conditions of the EC.

- (xxi) The monitoring of the mining project in respect of environment management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxii) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days.

Deliberations during the 258th meeting of SEIAA held on 29.08.2023

The case was considered by SEIAA in its 258th meeting held on 29.08.2023 which was attended by the following:

- i) Sh. Sandeep Kumar, SDO, Mining, Hoshiarpur.
- ii) Sh. Maninder Singh, Mining Inspector.
- iii) Sh. Arshad Sheikh, Environmental Consultant, M/s Right Source Industrial Solutions.

During the meeting, the Environmental Consultant presented the salient features of the project.

On a query by SEIAA as to why semi-mechanized method of mining was being proposed when this was a "Public Mining Site" and as per the Mining Policy, 2023 of the state government only manual mining was permitted in such sites, the Project Proponent agreed that the case may be considered for approval for manual method of mining.

During deliberations, SEIAA observed that a very large number of applications for grant of ECs were yet to be submitted by the Mining Department / other Project Proponents. Though check-lists and a consolidated advisory had already been issued to the Mining Department in this regard, it was noted that the required information was being submitted by different project proponents and their consultants in different formats resulting in considerable difficulties and delays in appraising the Projects. It was, therefore, decided that in order to facilitate checking, appraisal and accord sanction expeditiously to the EC applications, a synopsis of the application should be submitted as per attached Annexure A. Director Mining assured that all future applications would be submitted as per the standardized template at Annexure A. Hard and soft copies of the Template were provided to the Mining Department

and their consultant. Thereafter, the Consultant submitted the required information as per Template which was taken on record.

To a query by SEIAA regarding the EMP and additional environmental activities to be carried out under the project, the activities and outlays were discussed and finalized:as under:

TABLE-1

Sr. No	Environment mitigation measure	Capital Cost (Rs)	Recurring Cost (Rs/annum)
1	Repair and maintenance of Haul Road and other Roads	20,000	10,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	30,000	20,000
3	Plantation and maintenance of 75 saplings (1.5 Ha x 50 saplings/Ha= 75 saplings) @Rs.1000 per sapling.	75,000	25,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	50,000	20,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	30,000	10,000
6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000
7	Environmental Monitoring (Air, Water Soil etc.).	35,700	7,000

Additional Environment Activities @ Rs 0.5/ MT (Plantation through Forest Department under Greening Punjab Mission or by the Mining Department)	2,000	
Total	2,52,700	1,02,000

To another query of SEIAA, the project proponent informed that all the conditions imposed by the SEAC while appraising the project were acceptable to him.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) for the total area of 1.5 Ha and quantity of 4,038 TPA, which shall not exceed the total quantity of 39,726.72 MT as per the approved DSR at Village Dagana Kalan, Tehsil & District Hoshiarpur, Punjab as per the details mentioned in the application, approved mining plan, District Survey Report and other documents and subsequent clarifications made by the project proponent and his consultation, proposed measures and subject to the conditions proposed by SEAC and following additional conditions:

Additional Conditions:

- I. Only manual method of mining will be permitted.
- II. The project proponent shall implement the EMP as per Table 1 above.
- III. Enhancement in the total quantity can be approved by SEIAA only upon submission of credible replenishment study data.

The meeting ended with a vote of thanks to the Chair.