

Proceedings of the 258th meeting of State Environment Impact Assessment Authority (SEIAA), Punjab, held on 29.08.2023 in the Conference Hall no. 2, 1st Floor, MGSIPA Complex, Sector-26, Chandigarh at 10:00 AM.

The meeting was attended by the following members:

- 1) Sh. Hardeep Singh Gujral,
Chairman, SEIAA
- 2) Sh. Kamal Kumar Garg, IAS
Member Secretary, SEIAA
- 3) Dr. Adarsh Pal Vig, Member SEIAA -cum
Chairman, Punjab Pollution Control Board, Patiala

Sh. Abhijit Kaplish, IAS, Director Mining, Punjab and other officers from Head office of the Mining Department also participated in the meeting during deliberations regarding the Agenda Items pertaining to the state Mining Department.

Er. Parveen Saluja, Environmental Engineer and Er. Rantej Sharma, Environmental Engineer SEIAA along with other supporting staff of SEIAA also attended the meeting.

Item No. 01: Confirmation of the proceedings of the 257th meeting of the State Environment Impact Assessment Authority

The proceedings of the 257th meeting of the State Environment Impact Assessment Authority (SEIAA) held on 01.08.2023 were circulated vide email dated 07.08.2023. Since, no comments have been received from any member regarding the proceedings, SEIAA confirmed the said proceedings as circulated.

Item No. 02: Action on the proceedings of the 248th to 257th meetings of the State Environment Impact Assessment Authority .

SEIAA was apprised that requisite action on the proceedings of the 248th to 257th meeting of the

State Environment Impact Assessment Authority (SEIAA) has been taken. The Authority perused the Action Taken Reports and observed as under:

Meeting No.	Agenda Item No	Further Action required to be taken
248 th Meeting	248.08	Reminder be issued to Chief Engineer Mining
248 th Meeting	Table Item No. 2	Progress is unsatisfactory. Notices to defaulting projects to be expedited.
249 th Meeting	Table Item No. 1	Reminder be issued to Director Mining to expedite submission of information requested vide letter No. 931 dated 01.08.2023
250 th Meeting	250.07	Present status be apprised
250 th Meeting	250.10	Reminders be issued to PPCB and GMADA. EE SEIAA to conduct site visit and report.
251 st Meeting	251.07	Director Mining be asked to expedite.
253 rd Meeting	253.01	M/s Gretis be asked to send panel for engaging an SDO in lieu of Sh Arun Gupta SDO who has reportedly been selected in the PPCB.
254 th Meeting	254.02	Process of shifting SEIAA to the PBTI building after its furnishing etc needs to be expedited.
257 th Meeting	257.04	Copy of the Final Template for submission of EC applications for sand Mining be sent to Director Mining and Consultants.

SEIAA expressed satisfaction regarding the progress made in this regard and desired that the further action taken reports in respect of the aforesaid items be placed in the next meeting of SEIAA .

General Discussions:

SEIAA observed that its workload had increased manifold during the past several months on account of processing and approval of all the DSRs of the Mining Department followed by processing of a large number of mining cases for grant of ECs / ToRs. The problem had multiplied and become severe due to acute shortage of staff. As per permission granted by State Government, new staff has been recently engaged on contract basis which is being provided hands-on training by EE Sh Parveen Saluja - who has been specifically deployed for 3 months for this purpose and in order to assist in the clearance of pending cases.

In the context of the above, SEIAA reviewed the present status of pending works and need for further streamlining its functioning. The following observations were made and decisions taken in the meeting:

1. The frequency of meetings being held by SEIAA has been increased from twice a month to 3 or 4 meetings each month. Resultantly, there has been a significant reduction in the number of pending cases at all levels (Scrutiny / Appraisal / Grant of ECs and ToRs). The present status of the same is attached at Annexure A which reveals immense improvement.
2. EE Parveen Saluja informed that the newly recruited staff is being provided hands-on training and is picking up the work satisfactorily. He further informed that requisite action as per decisions taken in the past 8 to 10 meetings of the Authority (which had remained pending due to staff shortage) had been nearly completed. He further informed that Sh Arun Gupta, SDO, who had recently been engaged through M/s Gretis had been selected by the PPCB and his replacement was urgently required. Further, an additional clerk -cum - DEO was also required for the office work and for assisting the Chairman, SEIAA.
3. Sh. Rantej Sharma, Environmental Engineer, SEIAA informed that Department of Science, Technology & Environment, Punjab vide no. 1/57/2023/-STE2/624825/1-5 dated 21.08.2023 has issued his transfer orders and now he has been given the charge of Head office, Patiala and additional charge of SEIAA, Punjab. In compliance with the orders, he has given joining at Head office, PPCB, Patiala. He further

informed that Joint Director, DECC has issued Notice regarding non-marking of attendance to him vide letter no. DECC/2023/1556 dated 21.08.2023, wherein he has been asked to mark the attendance in the DECC register failing which necessary action, as per applicable rules shall be initiated. However, since he has been posted with SEIAA, his attendance is being marked in the attendance register being maintained in SEIAA.

4. Supporting staff of SEIAA informed that there is shortage of infrastructure with them. They were also not being provided a vehicle for undertaking urgent works even in inclement weather. Both the Environmental Engineer's SEIAA endorsed the issue and informed that non-availability of infrastructure was adversely affecting their working.

After detailed deliberations, it was decided as under:

- i) EE SEIAA will provide the detailed infrastructure requirement for smooth functioning of SEIAA. Upon receipt of the report, Director DECC would be requested to provide the requisite infrastructure to SEIAA.
- ii) DO letter at the level of Chairman, SEIAA be written to Secretary, STE requesting that the complete administrative control of the staff engaged / deployed with SEIAA be vested with the SIAA through its Member Secretary SEIAA.
- iii) M/s Gretis India Pvt. Ltd. be asked to immediately provide a panel for engagement of an SDO and a clerk for SEIAA.

Item No. 258.01: Request for granting Extension in Time line for commissioning of 6 MLD STP instead of 2.8 MLD capacity within the “Super-Mega Mixed Use Integrated Industrial Park” Project located at Sector-66-A, 82 & 83, Distt. SAS Nagar.

A request was earlier submitted by M/s Janta Land Promoters Pvt Ltd vide letter no. JLPL/1708 dated 12.05.2021 for treatment of wastewater generated from Super Mega Mixed-Use Integrated Park Project, Sector 66A,82 and 83, SAS Nagar in the Sewage Treatment Plant (STP) of GMADA. The matter was considered in the 182nd meeting of SEIAA held on 24.05.2021.

After deliberations, the Project Proponent was allowed to treat the wastewater in the STP of GMADA as an interim measure till their own 2.8 MLD STP was made operational subject to compliance of following conditions:

1. JLPL shall submit a duly notarized affidavit providing the complete details of the proposal for installation of STP and additional remedial measures proposed by the Project Proponent to compensate for the violation. The proposal should be submitted within the 15 days and should include the cost to be incurred on the STP, Technology to be used, capacity of STP, proposal for utilization of treated wastewater and time schedule for the completion of STP. The proposal should further include the details of the additional remedial measures of Rs.25 Lakhs and time schedule by which these remedial measures are proposed to be completed.
2. JLPL shall submit bank guarantee amounting to Rs. 30 Lakhs in the favour of Environmental Engineer, Regional Office PPCB, Mohali, as an assurance to complete the installation of STP of capacity 2.8 MLD within the project site in the proposed period of 18 months.
3. JLPL shall submit interim reports at interval of three months to the SEIAA, Punjab regarding the progress of the construction of STP of capacity 2.8 MLD and progress of implementation of the additional remedial measures.

Accordingly, the Project Proponent submitted the compliance of the aforesaid conditions vide letter no. JLPL/632(AM)/2021/2405 dated 16.06.2021 and was allowed to treat wastewater in the STP of GMADA as an interim measure till their own 2.8 MLD STP was made operational vide letter SEIAA/MS/2021/4421 dated 25.06.2021.

Now, vide letter no. JLPL/82/2704 dated 12.11.2022, the Project Proponent has informed that they have decided to construct 6 MLD STP instead of 2.8 MLD STP and requested to grant extension of six months in the timeline beyond 31.12.2022, i.e, till 30.06.2023 for construction of 6 MLD STP as well as extend the permission to treat the wastewater in the GMADA STP located in Sector-83 till the 6 MLD STP is made operational.

1.0 Deliberations during 225th meeting of SEIAA held on 13.12.2022.

SEIAA perused the request of the promoter company namely M/s JLPL.

After detailed deliberations, SEIAA decided that the project proponent be asked to submit documentary evidence in support of its claim regarding the construction of STP of 6 MLD capacity. The full details of the work done till date, the expenditure incurred thereon and the timelines/ balance expenditure for the remaining work for construction and operationalisation of the 6 MLD STP be submitted within 10 days. Decision on the representation would be taken after receipt of the aforementioned information.

To the aforementioned queries the Project Proponent vide letter no. JLPL/82/2022/6755 dated 30.12.2022 submitted the reply.

2.0 Deliberations during 229th meeting of SEIAA held on 03.01.2023.

The case was considered by SEIAA in its 229th meeting held on 03.01.2023 which was attended by Sh. Hardeep Singh, Deputy Chief Engineer, M/s Janta Land Promoters Pvt. Ltd.

The project proponent presented the complete details of the project including detailed documentary evidence in support of its claim that the construction of STP of 6 MLD capacity was at an advanced stage. Photographs of Collection Tanks, Reactor Tanks, Chlorination Tanks and Secondary & Tertiary treated storage tanks were also submitted. The project proponent further informed that the allotment work of the electro-mechanical components was complete and the majority of civil works will be completed by the end of the March, 2023 and the plant will be completed in all respects and commissioned by the end of the June, 2023.

SEIAA was satisfied with the submissions made by the project proponent and noted that the extension in time period for installation of the STP was primarily being sought as the capacity of the same had been enhanced from 2.8 MLD to 6 MLD. SEIAA also noted that considerable progress had

been made in the construction of the STP and the additional time being sought was reasonable.

After detailed deliberation, SEIAA decided to accept the request of the Project Proponent and grant extension of six months till 30.06.2023 for construction of 6 MLD STP. It was also decided that, as requested, the permission to dispose the wastewater of the project in the GMADA STP located in Sector-83 may be extended till 30.06.2023 or till the 6 MLD STP is made operational (whichever is earlier).

Accordingly, extension was issued to the JLPL vide letter no. 104 dated 20.01.2023.

Now, a request letter has been received from M/s Janta Land Promoters Pvt Ltd. Vide letter no. JLPL/310/2023/3102 dated 17.06.2023, intimating that work of construction of STP has progressed a lot and in nearing completion with civil works almost completed.

It has further intimated that civil works of collection tanks, SBR tanks, , chlorination tank, treated and tertiary treated water tank have been completed and Delivery of Electro Mechanical supplies have started & compressor, screens, air grid for sludge pump etc have been supplied and work for installation in MCC room is in progress.

JLPL requested that time line for commissioning of STP of 6 MLD capacity and permission to treat the waste-water in GMADA STP located in Sector-83 till the time STP of 6 MLD capacity will be made operational, may please be extended for the period of 4 months from 30.06.2023 to 31.10.2023.

3.0 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 Sh. Hardeep Singh, Deputy Chief Engineer, M/s Janta Land Promoters Pvt. Ltd.

During the meeting, the representative of the project proponent presented the status of construction of the STP of 6 MLD in Sector-82 and informed that the work of all major civil construction and other works including Equilization tanks, SBR tanks, Chlorination tanks, Treated water tanks @ 3 no.s, electro-mechanical room for air blower compressor, electrical panel etc. have been almost completed and work of grit/grease chambers, volute platform chamber, laboratory, concrete protection lining cum water proofing is at an advanced stage. Further, all electro-mechanical supplies i.e air compressor, air diffusors, air pumps, pipes for air grids, dosing pumps,

coarse and fine screens, RAS pumps, sludge pumps, volute press pumps, raw sewage pumps, volute press feed pump etc have been received at site for installation. The work has been delayed due to heavy rains during the monsoon season. He further informed that Bank Guarantee submitted by them to PPCB amounting to Rs 30 Lacs as an assurance to install STP as per the directions of SEIAA, is valid till 31.12.2023. He requested for extension in time till 31.12.2023 for installation / operationalization of the STP and till then they may be allowed to dispose off the untreated domestic waste-water into GMADA STP, Sector-83, Mohali. Representative of the Project Proponent also assured that no further extension will be sought by them from SEIAA. The fresh request for extension in time till 31.12.2023 submitted by the PP was taken on record.

SEIAA was not fully satisfied with the submissions made by the project proponent and noted that repeated extensions were being sought which was not proper or professional. However, SEIAA also noted that considerable progress had been made in the construction of this large STP of 6 MLD since most civil works had been completed and supplies for all major components had been received at site which only needed to be tested and installed. SEIAA further noted that the additional time being sought was not unreasonable.

After detailed deliberation, SEIAA decided to accept the request of the Project Proponent and grant extension till 31.12.2023 for construction of 6 MLD STP. It was also decided that, as requested, the permission to dispose the wastewater of the project in the GMADA STP located in Sector-83 may be extended till 31.12.2023 or till the 6 MLD STP is made operational (whichever is earlier) subject to the following conditions:

- i) No further extension will be given by SEIAA beyond 31.12.2023. The project proponent will submit status of construction / operationalization of the STP by 31.10.2023 and progress of the same will be reviewed by SEIAA. The extension granted till 31.12.2023 is liable to be annulled in case the progress till 31.10.2023 is found to be unsatisfactory.
- ii) JLPL shall extend the validity of bank guarantee amounting to Rs. 30 Lakhs drawn in favour of Environmental Engineer, Regional Office PPCB, Mohali, upto 30.06.2024 as an assurance to complete the installation of STP of capacity 6.0 MLD by 31.12.2023.

Item No. 258.02: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Kadiana, Tehsil Phillaur, District Jalandhar, Punjab, by Executive Engineer cum District Mining Officer, Drainage- cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/434645/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar 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 Kadiana (Riverbed site), Tehsil Phillaur, District Jalandhar, Punjab.

The Department has deposited requisite fee of Rs. 9600/- paid online 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./kadiana/1543 dated 26.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

- (i) Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

The Committee allowed the Department & 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:	DMO Jalandhar Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar 7888512516
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		xenminingjal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434645/2023
iv)	Project Name & Location	Kadiana Sand Mining Project Village: Kadiana Tehsil- Phillaur District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	Mining of Minor Minerals

Basic Details of the Case:

S.No	Item	Details		
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2		
ii.	Hadbast No. of the Village	45		
iii.	Details of Khasra No. as under:			
	Khasra No. as per proposal	Khasra No. as per DSR	Name of owner of the land as per land NOC.	
	77//24,25,78//16,17,18,19,20,21,22,23,24,25, 79//20, 81//1,2,3,4,9,10, 82//3,4,5,6,7	Sand bar code PO-JL-PL-ST-03 and PO-JL-PL-ST-1B mentioned in the approved DSR.	Government Land	
iv.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan and application proposal– 4.80Ha. Quantity as per Approved Mine Plan - 41913 TPA Area as per DSR – 4.80 Ha. Quantity as per Approved DSR – 77172.48 Tones		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter No. Glg/Pb/M.P/Kadiana/1543. Date of Approval: 26.05.2023 Approved Mining Lease Area: 4.80 Ha. Approved Mining Quantity: 41913 TPA Depth of Mining (m): 1.74 m		
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude
		1.	31° 0'48.88"N	75°53'39.67"E

		2.	31° 0'48.12"N	75°53'37.49"E
		3.	31° 0'47.21"N	75°53'34.09"E
		4.	31° 0'45.96"N	75°53'31.29"E
		5.	31° 0'45.74"N	75°53'29.39"E
		6.	31° 0'46.43"N	75°53'27.47"E
		7.	31° 0'47.33"N	75°53'24.97"E
		8.	31° 0'48.36"N	75°53'23.66"E
		9.	31° 0'48.53"N	75°53'25.16"E
		10.	31° 0'48.24"N	75°53'27.35"E
		11.	31° 0'48.62"N	75°53'28.83"E
		12.	31° 0'49.52"N	75°53'26.49"E
		13.	31° 0'50.24"N	75°53'29.31"E
		14.	31° 0'50.79"N	75°53'31.82"E
		15.	31° 0'51.77"N	75°53'35.03"E
		16.	31° 0'51.97"N	75°53'38.54"E
		17.	31° 0'51.53"N	75°53'41.83"E
		18.	31° 0'51.05"N	75°53'42.61"E
		19.	31° 0'49.96"N	75°53'40.68"E
viii	Details of cluster formation	No cluster is formed, cluster letter is submitted.		
ix.	Affidavit from the landowner giving consent for carrying out mining. (In case of Pvt land)	<p>A copy of letter issued by Gram Panchayat Kadiana addressed to District Mining Officer, Jalandhar vide dated 29.03.2023 submitted wherein it has been mentioned as under:</p> <p><i>“ਬੇਨਤੀ ਹੈ ਕਿ ਆਪ ਜੀ ਦੇ ਵਿਭਾਗ ਵੱਲੋਂ ਪਿੰਡ ਕਡਿਆਣਾ ਤਹਿਸੀਲ ਫਲੋਰ ਜਿਲਾ ਜਲੰਧਰ ਅਧੀਨ ਆਉਂਦਾ ਰਕਬਾ ਡੀ ਐਸ ਆਰ ਵਿਚ ਸ਼ਾਮਲ ਕੀਤਾ ਗਿਆ ਹੈ। ਜਿਸ ਮਾਇੰਨਿੰਗ ਸਾਈਟ ਦਾ ਨਾਮ PO-JL PL-ST-03 ਅਤੇ PO-JL-PL-ST-1B ਇਸ ਦੇ ਵਿਚ ਜੋ ਸਾਈਟ ਨੰਬਰ 3</i></p>		

ਸਾਮਿਲ ਕੀਤੀ ਗਈ ਹੈ ਇਹ ਸਾਈਟ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਦੇ ਬਿਲਕੁਲ ਨਾਲ ਲਗਦੀ ਹੈ। ਜੇਕਰ ਇਸ ਸਾਈਟ ਤੇ ਰੇਤਾ ਚੁਕਵਾਇਆ ਗਿਆ ਤਾ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਨੂੰ ਨੁਕਸਾਨ ਹੋ ਸਕਦਾ ਹੈ। ਇਸ ਤੇ ਪਹਿਲਾ ਵੀ ਕਈ ਵਾਰ ਦਰਿਆ ਵਿਚੋਂ ਰੇਤਾ ਦੀ ਚੁਕਣ ਕਾਰਨ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਦਾ ਕਈ ਵਾਰ ਜਾਨੀ ਤੇ ਮਾਲੀ ਨੁਕਸਾਨ ਹੋ ਚੁਕਾ ਹੈ। ਬਾਬਾ ਜੀ ਦੀ ਦਰਗਾਹ ਦੀ ਹੱਦ ਵਿਚੋਂ ਰੇਤਾ ਚੁਕਣ ਕਾਰਨ ਦਰਿਆ ਦੇ ਪਾਣੀ ਦਾ ਵਹਾਅ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਜੀ ਦੀ ਦਰਗਾਹ ਵੱਲ ਵੱਧ ਜਾਂਦਾ ਹੈ ਜਿਸਕਾਰਨ ਬਾਬਾ ਜੀ ਦੀ ਦਰਗਾਹ ਦੇ ਨਾਲ ਨਾਲ ਰਹਿੰਦੇ ਲੋਕਾ ਨੂੰ ਨੁਕਸਾਨ ਹੋਣ ਖਤਰਾ ਵੱਧ ਜਾਂਦਾ ਹੈ। ਜਿਸ ਕਾਰਨ ਜਿਸ ਕਾਰਨ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਨੇੜੇ ਲੋਕਾ ਨੂੰ ਖੰਡ ਨੰਬਰ **PO-JL-PL-ST-03** ਵਿੱਚ ਰੇਤਾ ਚੁਕਣ ਤੇ ਇਤਰਾਜ਼ ਹੈ।

ਸਮੂਹ ਗਰਾਮ ਪੰਚਾਇਤ ਦੀ ਸਹਿਮਤੀ ਅਨੁਸਾਰ **PO-JL-PL-ST-1B** ਖੰਡ ਵਿੱਚ ਰੇਤਾ ਚੁਕਣ ਦੀ ਆਗਿਆ ਦਿਤੀ ਜਾਵੇ। ਇਸ ਖੰਡ ਨੂੰ ਜਨਤਕ ਖੰਡ ਬਣਾਇਆ ਜਾਵੇ ਤਾ ਕਿ ਬੇਰੁਜਗਾਰ ਲੋਕਾ ਨੂੰ ਰੁਜਗਾਰ ਮਿਲ ਸਕੇ ਅਤੇ ਇਸ ਖੰਡ ਵਿਚੋਂ ਰੇਤਾ ਪੁਟਾਈ ਕਰਨ ਵਾਸਤੇ ਮਸ਼ੀਨ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਜਾਵੇ ਅਤੇ ਭਰਾਈ ਲੈਵਰ ਦੁਆਰਾ ਕੀਤੀ ਜਾਵੇ।

ਬੇਨਤੀ ਹੈ ਕਿ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਤੇ ਲਗਭਗ 5 ਕਿਲੋਮੀਟਰ ਦੀ ਦੂਰੀ ਤੇ ਜੇ ਪਿੰਡ ਕਡਿਆਣਾ ਦੀ ਜੇ ਪੰਚਾਇਤੀ ਜਮੀਨ ਹੈ ਉਸ ਵਿਚੋਂ ਚਿਟਾ ਰੇਤਾ ਚੁਕਵਾਇਆ ਜਾਵੇ।

x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 26-04-2023. Copy of demarcationreport submitted.
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act1972 as the case may be	A copy of the certificate dated 14.12.2022 issued by DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the PLPA Act 1900. Further, as per the report of the Sub-Divisional Level Committee of Tehsil Phillaur, the proposed site having sand bar code as PO-JL-PL-ST-1B have no forest land.
xii.	Salient features of approved mining plans.	Date of approval- 26-05-2023 Total Quantity-41913 tonnes
xiii.	Method of mining.	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational.	18
xv.	Total water requirement for domestic and other usage and its source.	Domestic: 0.18 KLD Dust Suppression: 0.20 KLD Plantation: 2.40 KLD Total:2.78 KLD
xvi.	Waste water generation and its disposal	Nil
xvii	Information regarding nos. of	Tractor Trolleys will be employed Transportation route

.	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.	map submitted
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xviii	Activities to be undertaken under EMP along with its cost.	Submitted
xix.	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
xx)	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
xxi)	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.	Distance from nearest habitation is 2.00Km.
xxii)	The Department shall earmark, on the KML file, the distance from the	Distance from Bridge 9.85 Km towards South-East

	minor/major bridges up to the nearest boundary of sand mining site.	
xxiii)	In case, the proposed miningsite does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.	Distance from the nearest mining site is 15.5 Km towards West.
xxiiiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during drymonths, therefore water quality will not deteriorate. Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore, noise level too will not show any significant increase.</p>

xxv)	<p>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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:</p>	Submitted
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 4.80 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Committee further perused the activities mentioned under EMP and observed	Particulars	Capital Cost (Rs)	Recurring Cost (Rs) (Annual)

<p>that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:Sr. No</p>			
<p>1.</p>	<p>Repairing of haulage road for transport of mining material and its subsequent maintenances</p>	<p>1,06,000</p>	<p>31,800</p>
<p>2.</p>	<p>Water Sprinkling Measures to be done on haul road for dust suppression</p>	<p>1,00,000</p>	<p>50,000</p>
<p>3.</p>	<p>Drinking water facility, Septic Tank & Mobile toilets and solid waste management</p>	<p>1,00,000</p>	<p>25,000</p>
<p>4.</p>	<p>Safety shoes/masks/earplugs/ first aid kit etc.</p>	<p>50,000</p>	<p>20,000</p>
<p>5</p>	<p>Additional Environment Activities (Green Belt Development)</p>	<p>2,40,000</p>	<p>1,00,000</p>

	Total	5,96,000	2,26,800
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The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Kadiana. The Department agreed to the same and submitted an undertaking in this regard.

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 4.80 Ha for the quantity of 41913 TPA, which shall not exceed the quantity of 77172.48 T as per the approved DSR at Village Kadiana, Tehsil Phillaur, District Jalandhar, subject to the conditions attached as Annexure-3 of the agenda.

2.0 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. Abhijit Kaplish, IAS, Director Mining, Punjab and other officers from Head office of the Mining Department
- ii) Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.
- iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	1,06,000	31,800
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 240 saplings (4.80 Ha x 50 saplings/Ha= 240 saplings) @ Rs.1000 per sapling.	2,40,000	80,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000

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)		38,586	
Total		6,80,286	2,23,800

To a query by 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 4.80 Ha and quantity of 41,913 TPA, which shall not exceed the total quantity of 77,172.48 MT as per the approved DSR at Village Kadiana, Tehsil Phillaur, District Jalandhar, 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 and AEA as per Table 1 above.
- iii) Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

Item No. 258.03: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Rampur/Thamuwal, Tehsil Shahkot, District Jalandhar, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/434650/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar 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 Rampur/Thamuwal(Riverbed site), Tehsil Shahkot, District Jalandhar, Punjab.

The Department has deposited requisite fee of Rs. 8860/- paid online 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./Rampur/1563 dated 29.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

- (i) Sh. Amrinder Sing Pandher, XEN-cum-DMO, Jalandhar.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

The Committee allowed the Department & 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:	DMO Jalandhar Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar
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		7888512516 xenminingjal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434650/2023
iv)	Project Name & Location	Rampur/Thamuwal Sand Mining Project Village: Rampur/Thamuwal Tehsil- Shahkot District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

Details of the mining project are as under:

S.No	Item	Details		
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2		
ii.	Hadbast No. of the Village	281		
iii.	Details of Khasra No. as under:			
	Khasra No. as per proposal	Khasra No. as per DSR	Name of owner of the land as per land NOC.	
	39//11,12,18,19,20,22,23,24, 45//2,3,4,5,6,7,8,14,15	Sand bar code PO-JL-SH-ST-52, PO-JL-SH-ST-53A and PO-JL-SH-	Government Land	

	37//25,38//5, 39//1, 37//2,3,4,7,8,13, 14,16,17	ST-53B mentioned in the approved DSR.																									
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No																									
v.	i. Area & Quantity details as per Mining plan and proposal ii. Area and permissible quantity details as per DSR	Area as per Mine Plan and application proposal – 4.43 Ha. Quantity as per Approved Mine Plan - 24802 TPA Area as per DSR – 4.43 Ha. Quantity as per Approved DSR – 54689.694 TPA																									
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Rampur/1563.																									
		Date of Approval: 29.05.2023 Approved Mining Lease Area: 4.43 Ha. Approved Mining Quantity: 24802 TPA Depth of Mining (m): 2.11 m																									
vii.	Longitude & Latitude of the mining site	<table border="1"> <thead> <tr> <th>PillarNo.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">Block-52</td> </tr> <tr> <td>1.</td> <td>31° 0'20.85"N</td> <td>75°19'57.05"E</td> </tr> <tr> <td>2.</td> <td>31° 0'20.08"N</td> <td>75°19'56.82"E</td> </tr> <tr> <td>3.</td> <td>31° 0'21.06"N</td> <td>75°19'54.82"E</td> </tr> <tr> <td>4.</td> <td>31° 0'22.60"N</td> <td>75°19'52.49"E</td> </tr> <tr> <td>5.</td> <td>31° 0'25.20"N</td> <td>75°19'51.17"E</td> </tr> <tr> <td>6.</td> <td>31° 0'27.59"N</td> <td>75°19'49.93"E</td> </tr> </tbody> </table>	PillarNo.	Latitude	Longitude	Block-52			1.	31° 0'20.85"N	75°19'57.05"E	2.	31° 0'20.08"N	75°19'56.82"E	3.	31° 0'21.06"N	75°19'54.82"E	4.	31° 0'22.60"N	75°19'52.49"E	5.	31° 0'25.20"N	75°19'51.17"E	6.	31° 0'27.59"N	75°19'49.93"E	
PillarNo.	Latitude	Longitude																									
Block-52																											
1.	31° 0'20.85"N	75°19'57.05"E																									
2.	31° 0'20.08"N	75°19'56.82"E																									
3.	31° 0'21.06"N	75°19'54.82"E																									
4.	31° 0'22.60"N	75°19'52.49"E																									
5.	31° 0'25.20"N	75°19'51.17"E																									
6.	31° 0'27.59"N	75°19'49.93"E																									

7.	31° 0'28.45"N	75°19'48.78"E
8.	31° 0'29.17"N	75°19'48.18"E
9.	31° 0'29.78"N	75°19'48.22"E
10.	31° 0'29.63"N	75°19'50.41"E
11.	31° 0'27.69"N	75°19'53.12"E
12.	31° 0'25.93"N	75°19'54.85"E
13.	31° 0'24.83"N	75°19'56.41"E
14.	31° 0'23.60"N	75°19'57.22"E
15.	31° 0'22.39"N	75°19'56.75"E
16.	31° 0'21.93"N	75°19'56.05"E
Block-53A		
1.	31° 0'33.46"N	75°19'47.69"E
2.	31° 0'33.32"N	75°19'46.62"E
3.	31° 0'33.52"N	75°19'45.56"E
4.	31° 0'34.53"N	75°19'45.16"E
5.	31° 0'34.53"N	75°19'45.28"E
6.	31° 0'35.06"N	75°19'45.28"E
7.	31° 0'35.67"N	75°19'44.83"E
8.	31° 0'36.29"N	75°19'45.06"E
9.	31° 0'35.98"N	75°19'45.64"E
10.	31° 0'35.24"N	75°19'46.65"E
11.	31° 0'34.38"N	75°19'47.63"E
12.	31° 0'33.59"N	75°19'48.09"E
Block-53B		
1.	31° 0'38.23"N	75°19'44.55"E
2.	31° 0'37.33"N	75°19'44.02"E
3.	31° 0'37.41"N	75°19'43.57"E
4.	31° 0'38.63"N	75°19'42.22"E
5.	31° 0'39.89"N	75°19'41.24"E
6.	31° 0'41.18"N	75°19'40.65"E
7.	31° 0'42.62"N	75°19'40.05"E
8.	31° 0'43.98"N	75°19'38.68"E

		9.	31° 0'44.46"N	75°19'39.98"E
		10.	31° 0'43.93"N	75°19'41.66"E
		11.	31° 0'42.66"N	75°19'42.56"E
		12.	31° 0'41.56"N	75°19'42.50"E
		13.	31° 0'39.72"N	75°19'43.80"E
viii.	Details of cluster formation	Yes, there is Cluster formation however the mining area is less than 5 Ha.		
ix.	Affidavit from the land owner giving consent for carrying outmining. (In case of Pvt land)	Land NOC not submitted, however, the demarcation report submitted and the site falls in the approved DSR of District Jalandhar.		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 03-05-2023. Copy of demarcation report Submitted as Annexure-11 of online application		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	<p>A copy of the certificate dated 14.12.2022 issued by DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the PLPA Act 1900.</p> <p>Further, as per the report of the Sub-Divisional Level Committee of Tehsil Shahkot, for the proposed mining sites mentioned as PO_JL_SH_ST_52, PO_JL_SH_ST_53A and PO_JL_SH_ST_53B, the DFO, Department of Forest and Wildlife, Punjab mentioned that the proper recommendations can be given after demarcation is done.</p>		

xii.	Salient features of approved mining plans	Date of approval- 29-05-2023 Total Quantity-24802 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	21
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.50 KLD Dust Suppression: 0.20 KLD Plantation: 2.22 KLD Total: 2.92 KLD
xvi.	Wastewater generation and its disposal	Nil
xvii.	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.	9 Trucks per day Transportation route map submitted
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted

xix.	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
xx)	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
xxi)	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.	Distance from nearest habitation is 2.00Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 2.60 Km towards North-West
xxiii)	In case, the proposed mining site does not include in a	Distance from the nearest mining site is 16.85 Km towards West.

	cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.	
xxxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>
xxxv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of	Submitted

	EMP:	
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 4.43 Ha falls within the area of miningsite approved in the DSR. The Committee noted the same.

The Committee further perused the activities mentioned under EMP and observed that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:

Sr. No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs) (Annual)
1.	Repairing of haulage road for transport of miningmaterial and its subsequent maintenances	80,000	24,000
2.	Water Sprinkling Measures to be done on haul roadfor dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toiletsand solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/first aid kit etc.	50,000	20,000
5.	Additional Environment Activities-Green Belt Development	2,22,000	1,00,000

	Total	5,52,000	2,19,000
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The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Rampur/Thamuwal. The Department agreed to the same and submitted an undertaking in this regard.

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 4.43 Ha for the quantity of 24802 TPA, which shall not exceed the quantity of 54689.694 Ton as per the approved DSR at Village Rampur/Thamuwal, Tehsil Shahkot, District Jalandhar, Punjab, subject to the conditions attached as Annexure-2 of the agenda along with special condition as under:

Special Condition:

- (i) The mining site shall be put in operation only after obtaining NOC from the concerned DFO after demarcation of the site, as mentioned by the DFO in the Sub-Divisional Committee Report.

2.0 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. Abhijit Kaplish, IAS, Director Mining, Punjab and other officers from Head office of the Mining Department
- ii) Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.
- iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	80,000	24,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 220 saplings (4.40 Ha x 50 saplings/Ha= 220 saplings) @ Rs.1000 per sapling.	2,22,000	74,000

4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		27,345	
Total		6,25,045	2,10,000

To a query by 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 4.43 Ha and quantity of 24,802 TPA, which shall not exceed the total quantity of 54689.694 MT as per the approved DSR at Village Rampur/Thamuwal, Tehsil Shahkot, District Jalandhar, 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. Mining site will be operationalized only after obtaining NOC from the concerned DFO.
- IV. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

Item No. 258.04: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Burj Hassan (Sidhara), Tehsil Phillaur, District Jalandhar, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/430534/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar 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 Burj Hassan (Sidhara) (River Bed site), Tehsil Phillaur, District Jalandhar, Punjab.

The Department has deposited requisite fee of Rs. 4800/- paid online 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./Burj Hassan/1281 dated 29.04.2023.

1.0 Deliberations during 254th meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

- (i) Sh. Amrinder Sing Pandher, XEN-cum-DMO, Jalandhar.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

The Committee allowed the Department & 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:	DMO Jalandhar Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar 7888512516 xenminingjal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/430534/2023
iv)	Project Name & Location	Burj Hassan(Sidhara) Sand Mining Project Village: Burj Hassan (Sidhara) Tehsil- Phillaur, District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals

Details of the mining project are as under:

S.No.	Item	Details	
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2	
ii.	Hadbast No. of the Village	73	
iii.	Details of Khasra No. as under:		
	Khasra No. as per proposal	Khasra No. as per DSR	Name of owner of the

			land as per land NOC	
	900,901,908,909/2,910/3,911/2,912/1,912/3,913,920/2,921/3,921/1,922,965,909/2(6-18)	Sand bar code PO_JL_NR_ST_25, mentioned in the approved DSR.	Government land	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	i. Area & Quantity details as per Mining plan and proposal	i. Area as per Mine Plan and application proposal – 2.40 Ha. Quantity as per Approved Mine Plan - 28929 TPA		
	ii. Area and permissible quantity details as per DSR	ii. Area as per DSR – 2.40 Ha. Quantity as per Approved DSR – 65664 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Burj Hassan/1281. Date of Approval: 29.04.2023 Approved Mining Lease Area: 2.40 Ha. Approved Mining Quantity: 28929 TPA Depth of Mining (m): 1 m		
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude
		1.	30°58'40.26"N	75°37'24.59"E

		2.	30°58'40.10"N	75°37'22.88"E
		3.	30°58'40.26"N	75°37'21.33"E
		4.	30°58'41.00"N	75°37'19.56"E
		5.	30°58'41.12"N	75°37'19.47"E
		6.	30°58'42.14"N	75°37'18.22"E
		7.	30°58'42.32"N	75°37'18.18"E
		8.	30°58'45.01"N	75°37'27.28"E
		9.	30°58'45.03"N	75°37'29.20"E
		10.	30°58'43.45"N	75°37'28.29"E
		11.	30°58'42.24"N	75°37'27.47"E
		12.	30°58'42.13"N	75°37'27.26"E
		13.	30°58'40.87"N	75°37'26.04"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is attached as Annexure 14		
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Government land.		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 04-04-2023. Copy of demarcation report submitted.		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the certificate dated 14.12.2022 issued by DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the		

		<p>PLPA Act 1900.</p> <p>Further, as per the Annexure-V of DSR (Pg-176), for the proposed mining site PO_JL_NR_ST_25, the DFO, Department of Forest and Wildlife, Punjab recommended the site with observations regarding the confirmation of the forest land only after demarcation of land.</p>
xii.	Salient features of approved mining plans	<p>Date of approval- 29-04-2023</p> <p>Total Quantity-28929 tonnes</p>
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	14
xv.	Total water requirement for domestic and other usage and its source	<p>Domestic: 0.14 KLD</p> <p>Dust Suppression: 0.20 KLD</p> <p>Plantation: 1.20 KLD</p> <p>Total: 1.54 KLD</p>
xvi.	Waste water generation and its disposal	Nil
xvii.	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	<p>5 Tractor trollies per day</p> <p>Transportation route map submitted</p>

	ROW.	
xviii	Activities to be undertaken under EMP along with its cost.	Submitted
xix.	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
xx)	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
xxi)	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	Distance from nearest habitation is 0.75Km.

	carrying out the mining near the habitation area.	
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sandmining site.	Distance from Minor Bridge 1.25 Km towards South-East
xxiii)	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.	Distance from the nearest mining site Cholle is 6.8Km towards West.
xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will</p>

		not show any significant increase.
xxv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	Submitted

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 2.40 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Committee further perused the activities mentioned under EMP and observed that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:

Sr. No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	1,30,000	39,000
2.	Water Sprinkling Measures to be done on haulroad for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/first aid kit etc.	50,000	20,000
5.	Additional Environment Activities-Green Belt Development	1,20,000	60,000
	Total	5,00,000	1,94,000

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Burj Hassan (Sidhara). The Department agreed to the same and submitted an undertaking in this regard.

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 2.40 Ha for the quantity of 28929 TPA, which shall not exceed the quantity of 65664 Ton as per the approved DSR at Village Burj Hassan(Sidhara), Tehsil Phillaur, District Jalandhar, Punjab, subject to the conditions attached as Annexure-2 of the agenda along with special condition as under:

- (i) The mining site shall be put in operation only after obtaining NOC from the concerned DFO after demarcation of the site, as mentioned by the DFO in the Sub-Divisional

Committee Report.

2.0 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. Abhijit Kaplish, IAS, Director Mining, Punjab and other officers from Head office of the Mining Department
- ii. Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.
- iii. Dr. KL Satapathy, Environmental Consultant, M/s GRC India

During the meeting, the Environmental Consultant presented the salient features of the project. It was further submitted that after demarcation of the site it was observed that the mining site falls in revenue estate of village Burj Hasan and not in village Sidhara.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	1,30,000	39,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 120 saplings (2.40 Ha x 50 saplings/Ha= 120 saplings) @ Rs.1000 per sapling.	1,20,000	40,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)	14,465	
	Total	5,60,165	1,91,000

To a further 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) at subject cited mining site for the total area of 2.40 Ha for the quantity of 28,929 TPA, which shall not exceed the quantity of 65,664 MT as per the approved DSR at Village Burj Hassan, Tehsil Phillaur, District Jalandhar, 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) Mining site will be operationalized only after obtaining NOC from the concerned DFO.
- iv) Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.
- v) The project proponent shall submit application for amendment of the DSR whereby incorrect village name of Sidhara will be substituted with the correct village name of Burj Hassan.

Item No. 258.05: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Mianwal, Tehsil Phillaur & District Jalandhar, Punjab, by Executive Engineer cum District Mining Officer, Drainage- cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/434635/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar 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 Mianwal (River bed site), Tehsil Phillaur & District Jalandhar, Punjab.

The Department has deposited requisite fee of Rs. 6260/- paid online 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./Mianwal/1546 dated 26.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

- (i) Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

The Committee allowed the Department & 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:	DMO Jalandhar Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar 7888512516 xenminingjal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434635/2023
iv)	Project Name & Location	Mianwal Sand Mining Project Village: Mianwal Tehsil- Phillaur District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals

Details of the mining project are as under:

S.No.	Item	Details	
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2	
ii.	Hadbast No. of the Village	122	
iii.	Details of Khasra No. as under:		
	Khasra No. as per proposal	Khasra No. as per	Name of owner

		DSR		of the land as per land NOC	
	61//16,17,18/1,24,25,71//4/1,5,72//10,71//3, 61//18/2,61//22,61//23, 63//18, 23, 63//17,24, 63//19/2(2-12), 63//22/2(2- 12), 68//5(7-12)	Sand bar code PB-JL-NR-ST-13 and PB-JL-NR-ST-13B measuring total area of 4.02 Ha mentioned in the approved DSR.		Government Land	
iv.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.	No			
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan and application proposal – 3.13Ha. Quantity as per Approved Mine Plan - 34524 TPA Area as per DSR – 4.02 Ha. Quantity as per Approved DSR – 103951.5 TPA			
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Mianwal/1546. Date of Approval: 26.05.2023 Approved Mining Lease Area: 3.13 Ha. Approved Mining Quantity: 34524 TPA Depth of Mining (m): 3 m			
vii.	Longitude & Latitude of the	Pin ar	Latitude	Longitude	

mining site	No.		
	1	31° 0'46.84"N	75°43'38.37"E
	2	31° 0'46.46"N	75°43'38.41"E
	3	31° 0'47.18"N	75°43'37.62"E
	4	31° 0'48.85"N	75°43'35.67"E
	5	31° 0'50.94"N	75°43'30.06"E
	6	31° 0'51.89"N	75°43'26.28"E
	7	31° 0'52.58"N	75°43'28.23"E
	8	31° 0'53.50"N	75°43'29.89"E
	9	31° 0'53.71"N	75°43'30.76"E
	10	31° 0'53.72"N	75°43'31.77"E
	11	31° 0'52.57"N	75°43'33.74"E
	12	31° 0'50.62"N	75°43'35.80"E
	13	31° 0'48.37"N	75°43'37.75"E
	Block-13B (1)		
	A	31° 0'55.03"N	75°42'59.90"E
	B	31° 0'52.55"N	75°42'59.83"E
	C	31° 0'53.20"N	75°43'9.17"E
	Block-13B (2)		
	A'	31° 0'51.34"N	75°42'53.92"E
B'	31° 0'51.33"N	75°42'55.94"E	
C'	31° 0'50.26"N	75°42'52.96"E	
viii.	Details of cluster formation	Certificate to the effect that cluster is formed submitted; however, the area is 3.13 Ha which is less than 5 Ha.	
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Government land	

x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 10-04-2023. Copy of demarcation report submitted.
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the certificate dated 14.12.2022 issued by DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the PLPA Act 1900. Further, as per the report of the Sub-Divisional Level Committee of Tehsil Phillaur, for the proposed mining sites mentioned as PO_JL_NR_ST_13, 13B the DFO, Department of Forest and Wildlife, Punjab mentioned that the site would be confirmed after the demarcation of the land.
xii.	Salient features of approved mining plans	Date of approval- 26-05-2023 Total Quantity-34524 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	21
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.50 KLD Dust Suppression: 0.20 KLD Plantation: 1.56 KLD Total: 2.26 KLD
xvi.	Waste water generation and its	Nil

	disposal	
xvii.	Information regarding nos of truck/trolleys 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.	Tractor Trolley shall be employed Transportation route map submitted
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted
xix.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed miningsite
xx)	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
xxi)	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.	Distance from nearest habitation is 1.10Km.

xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 6.1 Km towards North-East
xxiii)	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.	Distance from the nearest mining site is 15.5 Km towards East.
xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>

xxv)	<p>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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:</p>	Submitted
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 3.13 Ha falls within the area of miningsite approved in the DSR. The Committee noted the same.

The Committee further perused the activities mentioned under EMP and observed that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:

S.No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	40,000	12,000
2.	Water Sprinkling Measures to be done on haulroad for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobiletoilets and solid waste management	1,00,000	25,000

4.	Safety shoes/masks/earplugs/first aid kit etc.	50,000	20,000
5.	Additional Environmental Activities- GreenBelt Development	1,57,000	70,000
	Total	4,47,000	1,77,000

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Nagla. The Department agreed to the same and submitted an undertaking in this regard.

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 3.13 Ha for the quantity of 34524 TPA, which shall not exceed the quantity of 103951.5 Ton as per the approved DSR at Village Mianwal, Tehsil Phillaur, District Jalandhar, Punjab, subject to the conditions attached as Annexure-2 of the agenda along with special condition as under:

- (i) The mining site shall be put in operation only after obtaining NOC from the concerned DFO after demarcation of the site, as mentioned by the DFO in the Sub-Divisional Committee Report.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- ii) Sh. Amrinder Singh Pandher, XEN-cum-DMO, Jalandhar.

Dr. KL Satpathy, Environmental Consultant, M/s GRC India 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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 156 saplings (3.13 Ha x 50 saplings/Ha= 156 saplings) @ Rs.1000 per sapling.	1,56,000	52,000

4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		51,975	
Total		5,43,675	1,84,000

To a further 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 3.13 Ha for the quantity of 34,524 TPA, which shall not exceed the quantity of 1,03,951.5 Ton as per the approved DSR at Village Mianwal, Tehsil Phillaur, District Jalandhar, 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. Mining site will be operationalized only after obtaining NOC from the concerned DFO
- IV. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

Item no. 258.06: Application for Environmental Clearance for carrying out mining of minor minerals (sand at Village Nagla, Tehsil Derabassi, District SAS Nagar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SAS Nagar. (Proposal No. SIA/PB/MIN/429451/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SAS Nagar 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 at the mining site of Village Nagla, Tehsil Derabassi, District SAS Nagar (River-bed).

The Department has deposited requisite fee of Rs. 2120/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & depositing 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./Tangri-2/1361 dated 08.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

- (i) Sh. Lakhveer Singh, SDO, SAS Nagar.
- (ii) Mr. Jastinder Singh, Mining Inspector, SAS Nagar
- (iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

The Committee allowed the Department & 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:	DMO SAS Nagar Plot No. B-65, Phase 7 B, Industrial Area, S.A.S Nagar Mohali, 160055 9872997779 xenminingmohali@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/429451/2023
iv)	Project Name & Location	Tangri-2 Sand Mining Project Village: Nagla Tehsil- Derabassi District- SAS Nagar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals

Details of the mining project are as under:

S.No.	Item	Details		
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2		
ii.	Hadbast No. of the Village	168		
iii.	Details of Khasra No. as under:			
	Khasra No. as per	Khasra No. as per DSR	Name of owner of the	

	proposal		land as per land NOC, DSR and Jamabandi	
	1358, 1394, 1395, 1396, 1421, 1422, 1423, 1425/2, 1432/2, 1433, 1605, 1606, 1607, 1612, 1613	Sand bar code PB-SAS- Tangri-02 mentioned in the DSR. However, no khasra no khasra No. have been mentioned.	Gram Panchayat Land	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	i. Area & Quantity details as per Mining plan and proposal ii. Area and permissible quantity details as per DSR	Area as per Mine Plan – 0.95 Ha. Quantity as per Approved Mine Plan - 7311 TPA Area as per DSR – 1.45 Ha. Quantity as per Approved DSR – 16172.26 MT		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Tangri-2/361. Date of Approval: 08.05.2023 Approved Mining Lease Area: 0.95 Ha. Approved Mining Quantity: 7311 TPA Depth of Mining (m): 1 m		
vii.	Longitude & Latitude of themining site	Pillar No.	Latitude	Longitude
		A.	30°24'7.84"N	76°54'3.01"E
		B.	30°24'1.26"N	76°54'2.37"E
		C.	30°23'57.78"N	76°54'3.82"E

		D.	30°23'51.27"N	76°54'5.73"E
		E.	30°23'47.97"N	76°54'6.36"E
		F.	30°23'44.19"N	76°54'7.74"E
		G.	30°23'44.19"N	76°54'6.84"E
		H.	30°23'48.00"N	76°54'5.94"E
		I.	30°23'49.20"N	76°54'5.66"E
		J.	30°23'57.52"N	76°54'3.33"E
		K.	30°24'2.26"N	76°54'1.74"E
		L.	30°24'7.84"N	76°54'2.51"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is submitted		
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 03-02-2023. Copy of demarcation report submitted		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of certificate issued by DFO, SAS Nagar submitted wherein it has been mentioned that the Tangri-2 at Village Nagla, Tehsil Derabassi, District SAS Nagar (22- PB-SAS-Tangri-02) does not include in the area notified under section-4 & 5 of PLPA, 1900 and in the eco-sensitive zone and as not part of the any sanctuary and conservation reserve. Further, DFO, SAS Nagar letter no. 5900 dated 13.12.2022 addressed to Department of Mining mentioning that the permission under FCA,1980 not required submitted.		

xii.	Salient features of approved mining plans	Date of approval- 08-05-2023 Total Quantity-7311 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	16
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.18 KLD Dust Suppression: 0.10 KLD Plantation: 0.53 KLD Total: 0.81 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	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.	5 Tractor trollies per day Transportation route map submitted
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted
xix.	Whether any Litigation is pending against the site proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining

xx)	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
xxi)	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.	Distance from nearest habitation is 0.20Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge 3.0 Km towards North-East
xxiii)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry</p>

		months, therefore water quality will not deteriorate. Noise -Mining is of open cast semi mechanized with deployment of light excavator. Therefore, noise level too will not show any significant increase.
xxiv)	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.	Distance from the nearest mining site Tangri 5 is 1.40 Km towards South-East.
xxv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	Submitted

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District SAS Nagar. As per the said KML file, the proposed area of mining site measuring 0.95 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Committee further perused the activities mentioned under EMP and observed that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:

S.No	Particulars	Capital Cost (Rs)	Recurring Cost(Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	8,000	2,400
2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/ first aid kit etc.	50,000	20,000
5.	Additional Environment Activities-Green Belt Development	53,000	25,000
	Total	3,11,000	1,22,400

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Nagla. The Department agreed to the same and submitted an undertaking in this regard.

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 0.95 Ha for the quantity of 7311 TPA, which shall not exceed the quantity of 16172.26 Ton as per the approved DSR at Village Nagla, Tehsil Derabassi, District SAS Nagar, Punjab, subject to the conditions attached as Annexure-2 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- ii) Sh. Rajat Grover, DMO, SAS Nagar.
- iii) Mr. Jastinder Singh, Mining Inspector, SAS Nagar
- iv) Dr. KL Satapathy, Environmental Consultant, M/s GRC India

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, Project Consultant submitted the required information as per template which was taken on record.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 48 saplings (0.95 Ha x 50 saplings/Ha= 48 saplings) @ Rs.1000 per sapling.	48,000	16,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)	8,100	
	Total	3,91,800	1,48,000

To a further query by 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 0.95 Ha and quantity of 7,311 TPA, which shall not exceed the total quantity of 16,172.26 MT as per the approved DSR at Village Nagla, Tehsil Derabassi, District SAS Nagar, 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.

Item No. 258.07: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Jhugian Peer Baksh, Tehsil Patti, District Tarn Taran, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/434625/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Tarn Taran 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 Jhugian Peer Baksh (Riverbed site), Tehsil Patti, District Tarn Taran, Punjab.

The Department has deposited requisite fee of Rs. 7960/- paid online 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./Jhugian Peer Baksh/1053 dated 10.04.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Maninder Pal Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Tarn Taran.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

The Committee allowed the Department & 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:	DMO Tarn Taran Office Of Executive Engineer/ Tarn-Taran Drainage-Cum-Mining & Geology Division, Tarn-Taran. Canal Complex, Near Railway Station. Amritsar, 143001 9872997779 xenminingmohali@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434625/2023
iv)	Project Name & Location	Jhugian Peer Baksh Sand Mining Project Village: Jhugian Peer Baksh Tehsil- Patti District- Tarn Taran, 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.N	Item	Details
o.		
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2

ii.	Hadbast No. of the Village	336		
iii.	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
	19//6,7,12,13,14,15,16,17,18,19,23,24,25	Sand barcode PB-TT-SUT- 03 mentioned in the approved DSR. However, no khasra No. have been mentioned.	19 // 6,7,12,13,14,15,16,17,18,19,23,24,25	Mahabir Singh Nirmal Singh Balbir Singh Jaswant Singh Jagtar Singh Sawinder Singh
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	i. Area & Quantity details as per Mining plan and proposal	i. Area as per Mine Plan and Proposal– 3.98 Ha. Quantity as per Approved Mine Plan - 58009 TPA		
	ii. Area and permissible quantity details as per DSR	ii. Area as per DSR – 8.97 Ha. Quantity as per Approved DSR – 155545.91 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Jhugian Peer Baksh/1053. Date of Approval: 10.04.2023		

		<p>Approved Mining Lease Area: 3.98 Ha. Approved Mining Quantity: 58009 TPA Depth of Mining (m): 1 m</p>		
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude
		A.	31° 7'40.88"N	74°45'37.48"E
		B.	31° 7'34.87"N	74°45'37.49"E
		C.	31° 7'33.36"N	74°45'33.13"E
		D.	31° 7'33.67"N	74°45'30.00"E
		E.	31° 7'35.03"N	74°45'29.97"E
		F.	31° 7'35.14"N	74°45'28.34"E
		G.	31° 7'36.14"N	74°45'27.43"E
		H.	31° 7'36.84"N	74°45'27.32"E
		I.	31° 7'40.83"N	74°45'36.49"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is submitted.		
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 16-06-2023. Copy of demarcation report Submitted		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of certificate issued by DFO, Amritsar submitted wherein it has been mentioned that the village namely Radhalke, Ram Singh wala, JhungiaPeer Baksh (PB-TT-SUT-3) does not include in the area notified under section 4 & 5 of PLPA, 1900 and in the eco-sensitive zone and are not part of the any		

		sanctuary and conservation reserve.
xii.	Salient features of approved mining plans	Date of approval- 10-04-2023 Total Quantity-58009 tonnes
xiii.	Method of mining	Semi-mechanized
xiv.	No. of workers on the site when fully operational	21
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.21 KLD Dust Suppression: 0.20 KLD Plantation: 1.99 KLD Total: 2.40 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	Information regarding nos of truck/trolleys 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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
viii.	Activities to be undertaken under EMP along with its cost.	Submitted.

xix.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	Submitted.
xx)	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
xxi)	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.	Distance from nearest habitation is 0.95Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge 1.15 Km towards South-East

xxiii)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>				
xxiv)	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.	Distance from the nearest mining site Toot is 0.75Km towards WSW.				
xxv)	The Department/Project Proponent shall include in the EMP, the additional		S.No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
	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-mechanized mining.		1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	12,200	3660
			2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000

Any of the following additional environmental activities may be undertaken as a part of EMP:	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
	5	Additional Environment Activities(Green Belt Development)	1,99,000	90,000
		Total	4,61,200	1,88,660

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Tarn Taran. As per the said KML file, the proposed area of mining site measuring 3.98 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Project Proponent apprised the Committee that the CWP No. 12153 of 2023 titled as Sandhu Packaging Industries Vs State of Punjab pending in the Hon'ble High Court stands dismissed as withdrawn. A copy the final orders of the said CWP dated 01.08.2023 certifying the same submitted during the meeting.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Jhugian Peer Baksh. The Department agreed to the same and submitted an undertaking in this regard.

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 3.98 Ha for the quantity of 58009 TPA, which shall not exceed the quantity of 155545.91 Tonnes as per the approved DSR at Village Jhugian Peer Baksh, Tehsil Patti, District Tarn Taran, Punjab, subject to the conditions attached as Annexure-2 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- ii) Sh. Vishal Mehta , DMO, Tarn Taran.
- iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India

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 which was taken on record.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 200 saplings (3.98 Ha x 50 saplings/Ha= 200 saplings) @ Rs.1000 per sapling.	2,00,000	67,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)	78,000	
	Total	6,13,700	1,99,000

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) at subject cited mining site for the total area 3.98 Ha for the quantity of 58,009 TPA, which shall not exceed the quantity of 1,55,545.91 MT as per the approved DSR at Village Jhugian Peer Baksh, Tehsil Patti, District Tarn Taran, 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.

Item No. 258.08: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Akkuwal, Tehsil & District Ferozepur, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434418/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Akkuwal (Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 2200/- paid online 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./Akkuwala/1566 dated 29.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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

i)	Name of	DMO Ferozepur
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	Applicant & Correspondence address: Mobile No: Email ID:	Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-JhokeRoad, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P)Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434418/2023
iv)	Project Name & Location	Akkuwala Sand Mining Project Village: Akkuwala Tehsil- Ferozepur District- Ferozepur, 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		
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2		
ii.	Hadbast No. of the Village	40		
iii.	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

	10//17/2(4-16),18(6-0),19(1-16),22(7-16),23(7-11),24/(1-15)	10//17/2(4-16),18(6-0),19(1-16),22(7-16),23(7-11),24/2(1-15)	10//17/2(4-16),18(6-0),19(1-16),22(7-16),23(7-11),24/2(1-15)	Kulbir Singh and Ors	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No			
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan – 1.10 Ha. Quantity as per Approved Mine Plan - 21642 TPA Area as per DSR – 1.5 Ha. Quantity as per Approved DSR – 42768 TPA			
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Akkuwala/1566. Date of Approval: 29.05.2023 Approved Mining Lease Area: 1.10 Ha. Approved Mining Quantity: 21642 TPA Depth of Mining (m): 3 m			
vii.	Longitude & Latitude of the mining site		Pillar No.	Latitude	Longitude
			1.	31° 1'30.98"N	74°40'0.38"E
			2.	31° 1'32.70"N	74°40'5.42"E
			3.	31° 1'32.69"N	74°40'6.79"E
			4.	31° 1'30.57"N	74°40'6.81"E
			5.	31° 1'30.56"N	74°40'5.45"E
			6.	31° 1'29.63"N	74°40'5.41"E

		7.	31° 1'29.69"N	74°40'0.21"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is submitted.		
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 08-12-2022. demarcation report Submitted Copy of		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not submitted. In the said list, it has been mentioned that Department of Forest & Wildlife has no objection if the Department of Mining shall carry out mining in the Village Akkuwala in the land area 3.71 acre (1.5 Ha).		
xii.	Salient features of approved mining plans	Date of approval- 29-05-2023 Total Quantity-21642 tonnes		
xiii.	Method of mining	Opencast Semi-mechanized		
xiv.	No. of workers on the site when fully operational	16		
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 0.55 KLD Total: 0.85 KLD		
xvi.	Waste water generation and its disposal	Nil		

xvii.	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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted.
xix.	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
xx)	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
xxi)	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.	Distance from nearest habitation is 0.80Km.

xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges upto the nearest boundary of sand mining site.	Distance from Bridge 2.70 Km towards South-West											
xxiii)	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.	Distance from the nearest mining site is 8.62 Km towards South-East.											
xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>											
xxv)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of	<table border="1"> <thead> <tr> <th data-bbox="781 1495 862 1606">S.No</th> <th data-bbox="862 1495 1170 1606">Particulars</th> <th data-bbox="1170 1495 1299 1606">Capital Cost(Rs)</th> <th data-bbox="1299 1495 1453 1606">Recurring Cost(Rs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="781 1606 862 1871">1.</td> <td data-bbox="862 1606 1170 1871">Repairing of haulage road for transport of mining material and its subsequent maintenances</td> <td data-bbox="1170 1606 1299 1871">1,000</td> <td data-bbox="1299 1606 1453 1871">300</td> </tr> </tbody> </table>	S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	1,000	300			
S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)										
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	1,000	300										

the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes / masks / first aid kit etc.	50,000	20,000
	5.	Additional Environment Activities (Green Belt Development)	55,000	20,000
	Total			3,06,000

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozpur. As per the said KML file, the proposed area of mining site measuring 1.1 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Akkuwal. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved submitted by the Project Proponent.

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 1.10 Ha for the quantity of 21642 TPA, which shall not exceed the quantity of 42768 Tonnes as per the approved DSR at Village

Akkuwal, Tehsil & District Ferozepur, Punjab, subject to the conditions attached as Annexure-3 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Mr. Manjot Kamboj, Mining Officer, Ferozepur.
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 55 saplings (1.10 Ha x 50 saplings/Ha= 55 saplings) @ Rs.1000 per sapling.	55,000	18,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		21,400	

Total	4,12,100	1,50,000
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To a further query by 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) at subject cited mining site for the total area of 1.10 Ha and quantity of 21,642 TPA, which shall not exceed the total quantity of 42,768 MT as per the approved DSR at Village Akkuwal, Tehsil & District Ferozpur, 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.

Item No. 258.09: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Mamdot Uttar, Tehsil & District Ferozepur, Punjab, by Executive Engineer cum District Mining Officer, Drainage- cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434453/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Mamdot Uttar (Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 7600/- paid online 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./Mamdot Uttar/1540 dated 26.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

The Committee allowed the Department & 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:	DMO Ferozepur Office Of Executive Engineer/Ferozepur Drainage- Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434433/2023
iv)	Project Name & Location	Mamdot Uttar Sand Mining Project Village: Mamdot Uttar Tehsil- Ferozepur District- Ferozepur, 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
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2
ii.	Hadbast No. of the Village	305
iii.	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.
	74//16(8-0),17(7-0),75//20(8-0),21(8-0),77//4(8-0),6(8-0),7(8-0), 14(8-0), 15(4-0), 5(8-0)	74//16(8-0), 17(7-0), 23/2(2-16) 75//20(8-0), 21(8-0) 77//4(8-0), 6(8-0), 7(8-0), 14(8-0), 15(4-0), 5(8-0)	74//16(8-0),17(7-0),75//20(8-0),21(8-0),77//4(8-0),6(8-0),7(8-0), 14(8-0), 15(4-0), 5(8-0)	Hardeep Singh Surjit Singh
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan – 3.80 Ha. Quantity as per proposal - 38472 TPA Quantity as per approved mining plan – 76945 MT Area as per DSR – 3.94 Ha. Quantity as per Approved DSR – 107656.56 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Mamdot Uttar/1540. Date of Approval: 26.05.2023 Approved Mining Lease Area: 3.80 Ha. Approved Mining Quantity: 38472 TPA Depth of Mining (m): 3 m		
vii.	Longitude & Latitude of the	Pillar	Latitude	Longitude

mining site	No.		
	A.	30°51'23.40"N	74°26'16.24"E
	B.	30°51'23.30"N	74°26'23.72"E
	C.	30°51'21.48"N	74°26'22.66"E
	D.	30°51'19.60"N	74°26'22.49"E
	E.	30°51'19.55"N	74°26'21.19"E
	F.	30°51'15.74"N	74°26'20.80"E
	G.	30°51'15.68"N	74°26'19.79"E
	H.	30°51'13.79"N	74°26'19.62"E
	I.	30°51'13.79"N	74°26'16.05"E
	J.	30°51'19.70"N	74°26'16.16"E
	K.	30°51'19.65"N	74°26'18.66"E
	L.	30°51'21.55"N	74°26'18.80"E
	M.	30°51'21.58"N	74°26'16.14"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is attached.	
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted.	
x.	Whether demarcation / erection of boundary pillars on the site has been done.	Demarcation done on 22-12-2022. Copy of demarcation report Submitted.	
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not submitted. In the said list, it has been mentioned that Department of Forest & Wildlife has no objection if the Department of Mining shall carry out mining in the Village Mamdot Uttar in the land	

		area 9.74 acre.
xii.	Salient features of approved mining plans	Date of approval- 26-05-2023 Total Quantity-38472 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	24
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 1.90 KLD Total: 2.20 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted.

xix.	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
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xx)	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
xxi)	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.	Distance from nearest habitation is 2.00Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges upto the nearest boundary of sand mining site.	Distance from Bridge 1.80 Km towards South-East
xxiii)	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.	Distance from the nearest mining site is 28.60 Km towards West.

xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>			
xxv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)
		1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	7000	2100
		2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
		3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
		4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
		5	Additional Environment Activities(Green Belt	1,90,000	80,000

		Development)		
		Total	4,47,000	1,77,100

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site measuring 3.80 Ha falls within the area of miningsite approved in the DSR. The Committee noted the same.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Mamdot Uttar. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved submitted by the Project Proponent.

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 3.80 Ha for the quantity of 38472 TPA, which shall not exceed the quantity of 107656.56 Tonnes as per the approved DSR at Village Mamdot Uttar, Tehsil & District Ferozepur, Punjab subject to the conditions attached as Annexure-3 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, Ferozepur.
- (iii) Mr. Manjot Kamboj, Mining Inspector, Ferozpur
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000

3	Plantation and maintenance of 190 saplings (3.80 Ha x 50 saplings/Ha= 190 saplings) @ Rs.1000 per sapling.	1,90,000	63,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		54,000	
Total		5,79,700	1,95,000

To a further 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) at subject cited mining site for the total area of 3.80 Ha for the quantity of 38,472 TPA, which shall not exceed the quantity of 1,07,656.56 Ton as per the approved DSR at Village Mamdot Uttar, Tehsil & District Ferozpur, 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 upon only submission of credible replenishment study data.

Item No. 258.10: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Gillewala, Tehsil & District Ferozepur, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434489/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Gillewala(Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 1860/- paid online 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./Gillewala/1680 dated 07.06.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

The Committee allowed the Department & 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:	DMO Ferozepur Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434489/2023
iv)	Project Name & Location	Gillanwala Sand Mining Project Village: Gillanwala Tehsil- Ferozepur District- Ferozepur, 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			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	121			
iii.	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	

	27//16/2(1-7), 23/1(6-0), 25(8-0), 38//3(2-2)	27//16/2(1-7), 23/1(6-0),25(8-0) 38//3(2-2),7(0-3)	27//16/2(1-7), 23/1(6-0), 25(8-0), 38//3(2-2)	Major Singh	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No			
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan – 0.93 Ha. Quantity as per Approved Mine Plan - 22097 TPA Area as per DSR – 2.09 Ha. Quantity as per Approved DSR – 49658.4 TPA			
v.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Gillanwala/1680. Date of Approval: 07.06.2023 Approved Mining Lease Area: 0.93 Ha. Approved Mining Quantity: 22097 TPA Depth of Mining (m): 3 m			
vi.	Longitude & Latitude of the mining site		Pillar No.	Latitude	Longitude
			Block-A		
		1.	30°57'56.98"N	74°39'31.65"E	
		2.	30°57'56.92"N	74°39'34.24"E	
		3.	30°57'54.49"N	74°39'34.39"E	
		4.	30°57'54.51"N	74°39'31.72"E	
			Block-B		

		<table border="1"> <tbody> <tr> <td>1.</td> <td>30°57'55.31"N</td> <td>74°39'27.23"E</td> </tr> <tr> <td>2.</td> <td>30°57'55.29"N</td> <td>74°39'29.40"E</td> </tr> <tr> <td>3.</td> <td>30°57'52.61"N</td> <td>74°39'29.40"E</td> </tr> <tr> <td>4.</td> <td>30°57'53.65"N</td> <td>74°39'27.21"E</td> </tr> </tbody> </table>	1.	30°57'55.31"N	74°39'27.23"E	2.	30°57'55.29"N	74°39'29.40"E	3.	30°57'52.61"N	74°39'29.40"E	4.	30°57'53.65"N	74°39'27.21"E
1.	30°57'55.31"N	74°39'27.23"E												
2.	30°57'55.29"N	74°39'29.40"E												
3.	30°57'52.61"N	74°39'29.40"E												
4.	30°57'53.65"N	74°39'27.21"E												
vii.	Details of cluster formation	No cluster is formed, cluster letter is submitted.												
viii.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted												
ix.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 12-12-2022. Copy of demarcation report Submitted												
x.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozpur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.												
xi.	Salient features of approved mining plans	Date of approval- 07-06-2023 Total Quantity-22097 tonnes												
xii.	Method of mining	Opencast Semi-mechanized												
xiii.	No. of workers on the site when fully operational	16												
xiv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 0.47 KLD Total:0.77 KLD												

xv.	Waste water generation and its Disposal	Nil
xvi.	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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xvii.	Activities to be undertaken under EMP along with its cost.	Submitted.
xviii.	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
xix)	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
xx)	The Department shall earmark, on the KML file, the distance from the	Distance from nearest habitation is 0.50Km.

	<p>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.</p>	
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xxi)	<p>The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.</p>	<p>Distance from Bridge 1.30 Km towards South-West</p>
xxii)	<p>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.</p>	<p>Distance from the nearest mining site is 6.50 Km towards North-East.</p>
xxiii)	<p>The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts</p>	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality. Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate. Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level</p>

		too will not show any significant increase.			
xxiv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	S.No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
		1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	32,000	9,600
		2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
		3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
		4.	Management safety shoes/masks/ first aid kit etc.	50,000	20,000
		5	Additional Environment Activities (Green Belt Development)	47,000	20,000
			Total	3,29,000	1,24,600

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site measuring 0.93 Ha falls within the area of miningsite approved in the DSR. The Committee perused the same and was satisfied with it.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Gillewala. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved submitted by the Project Proponent.

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 0.93 Ha for the quantity of 22097 TPA, which shall not exceed the quantity of 49658.4 Tonnes as per the approved DSR at Village Gillewala, Tehsil & District Ferozepur, Punjab subject to the conditions attached as Annexure-2 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, Ferozepur.
- (iii) Mr. Manjot Kamboj, Mining Inspector, Ferozpur
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 46 saplings (0.93 Ha x 50 saplings/Ha= 46 saplings) @ Rs.1000 per sapling.	46,000	15,000

4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		25,000	
Total		4,06,700	1,47,000

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 0.93 Ha for the quantity of 22,097 TPA, which shall not exceed the quantity of 49,658.4 Ton as per the approved DSR at Village Gillewala, Tehsil & District Ferozpur, 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.

Item No. 258.11: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Chugatewala-2, Tehsil & District Ferozepur, Punjab, by Executive Engineer cum District Mining Officer, Drainage- cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434433/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Chugatewala-2(Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 3240/- paid online 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./ Chugatewala-2 /1537 dated 26.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

The Committee allowed the Department & 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:	DMO Ferozepur Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434433/2023
iv)	Project Name & Location	Chugatewala 2 Sand Mining Project Village: Chugatewala Tehsil- Ferozepur District- Ferozepur, 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			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	139			
iii.	Details of Khasra No. as under:				
	Khasra No. as	Khasra No. as	Khasra No. as per	Name of owner of	

	per proposal	per DSR	consent of land	the land as per land NOC.
	13//25(8-0), 18//5(8-0), 17//1(8-0), 14//21(8-0)	13//25(8-0) 18//5(8-0) 17//1(8-0) 14//21(8-0)	13//25(8-0), 18//5(8-0), 17//1(8-0), 14//21(8-0)	Lakhwinder Singh
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR	Area as per Mine Plan – 1.62 Ha. Quantity as per Approved Mine Plan - 25457 TPA Area as per DSR – 1.62 Ha. Quantity as per Approved DSR – 46189.44 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Chugatewala 2/1537. Date of Approval: 26.05.2023 Approved Mining Lease Area: 1.62 Ha. Approved Mining Quantity: 25457 TPA Depth of Mining (m): 3 m		
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude
		16.	31° 0'31.56"N	74°45'24.55"E
		17.	31° 0'31.56"N	74°45'29.57"E
		18.	31° 0'27.70"N	74°45'29.64"E
		19.	31° 0'27.68"N	74°45'24.61"E
viii.	Details of cluster formation	No cluster is formed, cluster letter is submitted.		

ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 08-12-2022. Copy of demarcation report Submitted
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Chugatewala-2 has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.
xii.	Salient features of approved mining plans	Date of approval- 26-05-2023 Total Quantity-25457 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	16
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 0.81 KLD Total: 1.11 KLD
xvi.	Waste water generation and its disposal	Nil

xvii.	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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted.
xix.	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
xx)	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
xxi)	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.	Distance from nearest habitation is 1.42Km.

xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 4 Km towards South-East											
xxiii)	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.	Distance from the nearest mining site is 0.65 Km towards South-East.											
xxiv)	The Department shall outline the environmental impact of the	Air -The major contribution of air pollution is by excavation, loading, transportation, hauling operation &											
	mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality. Water - Proposal for mining are given during dry months, therefore water quality will not deteriorate. Noise -Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.											
xxv)	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	<table border="1"> <thead> <tr> <th data-bbox="760 1465 846 1577">S.No</th> <th data-bbox="846 1465 1166 1577">Particulars</th> <th data-bbox="1166 1465 1295 1577">Capital Cost(Rs)</th> <th data-bbox="1295 1465 1458 1577">Recurring Cost(Rs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="760 1577 846 1841">1.</td> <td data-bbox="846 1577 1166 1841">Repairing of haulage road for transport of mining material and its subsequent maintenances</td> <td data-bbox="1166 1577 1295 1841">13,000</td> <td data-bbox="1295 1577 1458 1841">3,900</td> </tr> </tbody> </table>				S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	13,000	3,900
S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)										
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	13,000	3,900										

mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
	5	Additional Environment Activities(Green Belt Development)	81,000	40,000
		Total	3,44,000	1,38,900

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site measuring 1.62 Ha falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Chugatewala-2. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved was submitted by the Project Proponent.

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 1.62Ha for the quantity of 25457 TPA, which shall not exceed the quantity of 46189.44 Tonnes as per the approved DSR at Village Chugatewala-2, Tehsil & District Ferozepur, Punjab subject to the conditions attached as Annexure-3 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, Ferozepur.
- (iii) Mr. Manjot Kamboj, Mining Inspector, Ferozpur
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	40,000	20,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 80 saplings (1.62 Ha x 50 saplings/Ha= 80 saplings) @ Rs.1000 per sapling.	80,000	27,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)	23,100	
Total	4,38,800	1,59,000

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) at subject cited mining site for the total area of 1.62 Ha for the quantity of 25,457 TPA, which shall not exceed the quantity of 46,189.44 Ton as per the approved DSR at Village Chugatewala-2, Tehsil & District Ferozpur, 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.

Item No. 258.12: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Changali Jadid, Tehsil & District Ferozepur, Punjab, by Executive Engineer cum District Mining Officer, Drainage- cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434413/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Changali Jadid (Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 2660/- paid online 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./Changali Jadid /1569 dated 29.05.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

The Committee allowed the Department & 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:	DMO Ferozepur Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434413/2023
iv)	Project Name & Location	Changali Jadid Sand Mining Project Village: Changali Jadid Tehsil- Ferozepur District- Ferozepur, 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
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2
ii.	Hadbast No. of the Village	140

iii.	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 and DSR.
	30//8/2(4-0),9(8-0),10/2(3-14),10/1,(3-14),13/2(4-0),14/1(2-0),30//8/1/2(0-11)	30//8/2(4-0),9(8-0),10/2(3-14),10/1(3-14),13/2(4-0),14/1(2-10) 30//8/1/2(0-11)	No khasra no and area has been mentioned in the consent of land given by Sh. Bagicha Singh.	Sh. Bagicha Singh, Khasra no. mentioned in the DSR speaks in the name of Sh. Bagicha Singh
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	i. Area & Quantity details as per Mining plan and proposal	Area as per Mine Plan – 1.33 Ha. Quantity as per Approved Mine Plan - 29557 TPA		
	ii. Area and permissible quantity details as per DSR	Area as per DSR – 1.47 Ha. Quantity as per Approved DSR – 34927.2 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Changali Jadid/1569. Date of Approval: 29.05.2023 Approved Mining Lease Area: 1.33 Ha.Approved Mining Quantity: 29557 TPA		

		Depth of Mining (m): 3 m			
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude	
		1.	31° 0'19.91"N	74°45'52.62"E	
		2.	31° 0'19.94"N	74°45'58.74"E	
		3.	31° 0'18.31"N	74°45'58.81"E	
		4.	31° 0'18.30"N	74°46'0.10"E	
		5.	31° 0'17.99"N	74°46'0.11"E	
		6.	31° 0'18.04"N	74°46'0.74"E	
		7.	31° 0'16.16"N	74°46'0.72"E	
		8.	31° 0'16.12"N	74°45'58.78"E	
		9.	31° 0'17.95"N	74°45'58.74"E	
		10.	31° 0'18.01"N	74°45'52.63"E	
viii.	Details of cluster formation	No cluster is formed, cluster letter is attached.			
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted.			
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 08-12-2022. Copy of demarcation report Submitted.			

xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Chugatewala-2 has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.
xii.	Salient features of approved mining plans	Date of approval- 29-05-2023 Total Quantity-29557 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	18
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 0.67 KLD Total: 0.97 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	Information regarding nos of truck/trolleys 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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted

xix.	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. Signed copy of no litigation was provided to the committee
xx)	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
xxi)	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.	Distance from nearest habitation is 1.00Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 1.42 Km towards North-West
xxiii)	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.	Distance from the nearest mining site is 0.65 Km towards North West

xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be nonnoticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>																											
xxv)	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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	<table border="1"> <thead> <tr> <th data-bbox="776 751 867 863">S.No</th> <th data-bbox="867 751 1187 863">Particulars</th> <th data-bbox="1187 751 1320 863">Capital Cost(Rs)</th> <th data-bbox="1320 751 1479 863">Recurring Cost(Rs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="776 863 867 1136">1.</td> <td data-bbox="867 863 1187 1136">Repairing of haulage road for transport of mining material and its subsequent maintenances</td> <td data-bbox="1187 863 1320 1136">67,000</td> <td data-bbox="1320 863 1479 1136">20,100</td> </tr> <tr> <td data-bbox="776 1136 867 1352">2.</td> <td data-bbox="867 1136 1187 1352">Water Sprinkling Measures to be done on haul road for dust suppression</td> <td data-bbox="1187 1136 1320 1352">1,00,000</td> <td data-bbox="1320 1136 1479 1352">50,000</td> </tr> <tr> <td data-bbox="776 1352 867 1568">3.</td> <td data-bbox="867 1352 1187 1568">Drinking water, facility Septic Tank & Mobile toilets and solid waste management</td> <td data-bbox="1187 1352 1320 1568">1,00,000</td> <td data-bbox="1320 1352 1479 1568">25,000</td> </tr> <tr> <td data-bbox="776 1568 867 1680">4.</td> <td data-bbox="867 1568 1187 1680">Safety shoes/masks/first aid kit etc.</td> <td data-bbox="1187 1568 1320 1680">50,000</td> <td data-bbox="1320 1568 1479 1680">20,000</td> </tr> <tr> <td data-bbox="776 1680 867 1841">5</td> <td data-bbox="867 1680 1187 1841">Additional Environment Activities(Green Belt Development)</td> <td data-bbox="1187 1680 1320 1841">67,000</td> <td data-bbox="1320 1680 1479 1841">30,000</td> </tr> </tbody> </table>				S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	67,000	20,100	2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000	3.	Drinking water, facility Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000	4.	Safety shoes/masks/first aid kit etc.	50,000	20,000	5	Additional Environment Activities(Green Belt Development)	67,000	30,000
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4.	Safety shoes/masks/first aid kit etc.	50,000	20,000																										
5	Additional Environment Activities(Green Belt Development)	67,000	30,000																										

		Total	3,84,000	1,45,100

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it.

The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Changli Jadid. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved submitted by the Project Proponent.

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 1.33Ha for the quantity of 29557 TPA, which shall not exceed the quantity of 34927.2 Tonnes as per the approved DSR at Village Changali Jadid, Tehsil & District Ferozepur, Punjab subject to the conditions attached as Annexure-3 of the agenda.

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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, Ferozepur.

- (iii) Mr. Manjot Kamboj, Mining Inspector, Ferozpur
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	67,000	20,000

2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 66 saplings (1.33 Ha x 50 saplings/Ha= 66 saplings) @ Rs.1000 per sapling.	66,000	22,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		17,500	
Total		4,46,200	1,54,000

To a further query by 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 1.33 Ha for the quantity of 29,557 TPA, which shall not exceed the quantity of 34,927.2 Ton as per the approved DSR at Village Changali Jadid, Tehsil & District Ferozpur, 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.

Item No. 258.13: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Mehruwala , Tehsil Dharamkot & District Moga, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozpur. (Proposal No. SIA/PB/MIN/434507/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozpur 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 Mehruwala (Riverbed Site), Tehsil Dharamkot & District Moga, Punjab,

The Department has deposited requisite fee of Rs. 7420/- paid online 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./Mehruwala /1190 dated 20.04.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozpur.
- (iii) Dr. K L Satapathy, Environmental Consultant M/s GRC India.

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

i)	Name of Applicant &	DMO Moga
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	Correspondence address:Mobile No: Email ID:	Office Of Executive Engineer/Ferozpur Drainage- Cum-Mining & Geology Water Resources Department, Punjab 89-JhokeRoad, Ferozpur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental ConsultantMobile No. Email ID	Grass Roots Research and Creation (P)Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434507/2023
iv)	Project Name & Location	Mehruwala Sand Mining Project Village: Mehruwala Tehsil- Dharamkot District- Moga, 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			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	217			
iii.	Details of Khasra No. as under:				
	Khasra No. asper proposal	Khasra No. as per DSR	Khasra No. as per consent of land	Name of owner of thland as per land NOC	

	22//1,2,3,4,5,6,7,8 /1,23/19,10	Not Mentione d	22//1,2,3,4,5,6,7,8/1 ,23/19,10	Lakhwinder Kaur Gurdev Singh Satnam Singh Harpreet Singh Mandeep Kaur												
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.		No													
v.	Area & Quantity details as per Mining plan and proposal Area and permissible quantity details as per DSR		Area as per Mine Plan – 3.71 Ha. Quantity as per Approved Mine Plan - 44796 TPA Area as per DSR – 38.58 Ha. Quantity as per Approved DSR – 482033.95 TPA													
vi.	Details as per Mining plan		Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Mehruwala/1191. Date of Approval: 20.04.2023 Approved Mining Lease Area: 3.71 Ha. Approved Mining Quantity: 44796 TPA Depth of Mining (m): 1 m													
vii.	Longitude & Latitude of the mining site			<table border="1"> <thead> <tr> <th>Pillar No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>31° 2'42.11"N</td> <td>75°11'10.51"E</td> </tr> <tr> <td>B.</td> <td>31° 2'42.02"N</td> <td>75°11'21.48"E</td> </tr> <tr> <td>C.</td> <td>31° 2'40.01"N</td> <td>75°11'21.53"E</td> </tr> </tbody> </table>	Pillar No.	Latitude	Longitude	A.	31° 2'42.11"N	75°11'10.51"E	B.	31° 2'42.02"N	75°11'21.48"E	C.	31° 2'40.01"N	75°11'21.53"E
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ix.	Affidavit from the land owner giving consent for carrying outmining. (In case of Pvt land)	Land NOC submitted.																					
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 04-03-2023. Copy ofdemarcation report Submitted.																					
xi.	Status of clearance underForest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5736 dated 10.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Mehruwala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.																					
xii.	Salient features of approved mining plans	Date of approval- 20-04-2023 Total Quantity-44796 tonnes																					
xiii.	Method of mining	Opencast Semi-mechanized																					
xiv.	No. of workers on the site when fully operational	18																					
xv.	Total water requirement	Domestic: 0.20 KLD																					

	for domestic and other usage and its source	Dust Suppression: 0.20 KLD Plantation: 1.86 KLD Total:2.26 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	Information regarding nos of truck/trolleys 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.	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	
xix.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed miningsite
xx)	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
xxi)	The Department shall earmark, on the KML file, the distance from the habitation area from	Distance from nearest habitation is 1.20 Km.

	<p>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.</p>	
xxii)	<p>The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.</p>	<p>Distance from Bridge 2.40 Km towards South-East</p>
xxiii)	<p>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.</p>	<p>Distance from the nearest mining site is 4 Kmtowards North West.</p>
xxiv)	<p>The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts</p>	<p>Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.</p> <p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>
xxv)	<p>The Department/Project</p>	

<p>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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:</p>	
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site measuring 3.71 Ha falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it. The Committee further asked the Department to submit an undertaking duly signed by the DMO to the effect that the khasra Nos mentioned in the application proposal are as per the land NOC and latest jamabandi of Village Mehruwala. The Department agreed to the same and submitted an undertaking in this regard.

Additionally, a signed copy of the undertaking stating that no litigation pending against the project and that no forest area is involved submitted by the Project Proponent.

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 3.71 Ha for the quantity of 44796 TPA, which shall not exceed the quantity of 482033.95 Tonnes as per the approved DSR at Village Mehruwala, Tehsil & District Ferozepur, Punjab, Punjab subject to the conditions attached as Annexure-2 of the agenda.

2.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.
- (ii) Mr. Gitesh Upveja, DMO, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur.
- (iii) Mr. Navjot Singh, Mining Inspector
- (iv) Dr. K L Satapathy, Environmental Consultant M/s GRC India

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	100,000	30,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 185 saplings (3.71 Ha x 50 saplings/Ha= 185 saplings) @ Rs.1000 per sapling.	1,85,000	62,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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)		2,41,000	
Total		8,21,700	2,04,000

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 3.71 Ha for the quantity of 44,796 TPA, which shall not exceed the quantity of 4,82,033.95 Tonnes as per the approved DSR at Village Mehruwala, Tehsil & District Ferozepur, 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.

Item No. 258.14: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village ADB Rail, Tehsil Balachaur, District SBS Nagar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar. (Proposal No. SIA/PB/MIN/423181/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar 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 at the mining site of Village ADB Rail, Tehsil Balachaur, District SBS Nagar (River-bed).

The Department has deposited requisite fee of Rs. 7740/- vide Transaction No. CMS/001171558511 dated 23.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & depositing 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./ ADB Rail /922 dated 22.03.2023.

1.0 Deliberations during 254th meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist.
- (ii) Mr. Gurjit Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, SBS Nagar.
- (iii) Smt. Harmanpreet Kaur, Environmental Consultant, M/s Eco Paryavaran Laboratory Ltd.

SEAC allowed the environmental consultant of the project to present the salient features of the application proposal. Thereafter, the Project Proponent presented as under:

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	DMO SBS Nagar Executive Engineer/SBS Nagar Drainage cum- Mining and Geology WRD Canal Colony Kapurthala Road, SBS Nagar. 8950065264 happy.kumar65@punjab.gov.in
ii)	Name of Environmental Consultant Mobile No. Email ID	Eco Paryavaran Laboratories & Consultants Pvt. Ltd.9814003103 md@ecoparyavaran.org
iii)	Online Proposal No.	SIA/PB/MIN/423181/2023
iv)	Project Name & Location	Sand Mining Project (Sutlej River Bed Mining, Area – 3.87 Ha.) Village- ADB Rail District- SBS Nagar, 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			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	420			
iii.	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	
	46//17/1, 17/2, 18, 19/1, 19/2,	Sand bar code PO_SN_BL_ST_4A	46//17/1, 17/2, 18, 19/1, 19/2, 20/1,	Smt Ranju Chahal	

	20/1, 20/2, 21, 22/1, 22/2, 23, 24, 51//2, 3/1. 49//15, 16, 17/1, 17/2, 18, 22, 23, 24/1, 24/2, 25, 50/11/1, 11/2, 20/2, 81//2, 3, 4/1	and PO_SN_BL_ST_4B mentioned in the DSR and recommended in Sub-Divisional Committee report.	20/2, 21, 22/1, 22/2, 23, 24, 51//2, 3/1. 49//15, 16, 17/1, 17/2, 18, 22, 23, 24/1, 24/2, 25, 50/11/1, 11/2, 20/2, 81//2, 3, 4/1	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
v.	<p>i. Area & Quantity details as per Mining plan and proposal</p> <p>ii. Area and permissible quantity details as per DSR</p>	<p>Area as per Mine Plan – 3.87 Ha.</p> <p>Quantity as per Approved Mining Plan – 51,629 TPA</p> <p>Area as per DSR – 3.87 Ha.</p> <p>Quantity as per Approved DSR –1,08,669.6 Tonnes</p>		
vi.	Details as per Mining plan	<p>Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M. P/ADB Rail/922</p> <p>Date of Approval: 29.05.2023</p> <p>Approved Mining Lease Area: 3.87 Ha.</p> <p>Approved Mining Quantity: 51,629 TPA</p> <p>Depth of Mining (m): 3 m</p>		
vii.	Longitude & Latitude of			

	the mining site	Pillar No.	Latitude	Longitude
		PO_SN_BL_ST_4A		
		1	30°58'54.11"N	76°26'17.64"E
		2	30°58'54.87"N	76°26'20.12"E
		3	30°58'55.04"N	76°26'23.33"E
		4	30°58'54.73"N	76°26'25.17"E
		5	30°58'54.10"N	76°26'25.67"E
		PO_SN_BL_ST_4B		
		1	30°58'42.81"N	76°25'52.46"E
		2	30°58'45.98"N	76°26'0.51"E
		3	30°58'47.08"N	76°26'5.34"E
		4	30°58'43.09"N	76°26'1.16"E
		5	30°58'41.14"N	76°25'58.61"E
		viii.	Details of cluster formation	No cluster is formed, cluster letter is Uploaded online
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Not submitted.		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 03-05-2023. Copy of demarcation report Submitted as of online application		
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the certificate dated 16.12.2022 issued by DFO, where in it has been mentioned that the proposed site does not included areas notified under Section 4 and 5 of PLPA Act, 1900 and Forest land as per revenue record.		
xii.	Salient features of approved	Date of approval-	22-03-2023	

	mining plans	Total Quantity-51,629 TPA
xiii.	Method of mining	Opencast Manual
xiv.	No. of workers on the site when fully operational	22
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.95 KLD Dust Suppression: 2.50 KLD Plantation: 0.76 KLD(Recycled) Total: 3.45 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	Information regarding nos of truck/trolleys 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.	10 Trucks per day Transportation route map submitted.
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted.
xix.	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
xx)	The Department shall provide details pertaining to No. of trees, if any, to be felled for	No trees would be felled during mining activity

	carrying out mining activity.	
xxi)	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.	Distance from nearest habitation is 2.00Km.
xxii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 5.33 Km towards-EAST
xxiii)	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.	Distance from the nearest mining site 1.33 Km towards EAST.
xxiv)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the	Air -The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.

	mitigation measures proposed for mitigating the environmental impacts	<p>Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p>Noise- Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District SBS Nagar. As per the said KML file, the proposed area of mining site measuring 3.87 Ha falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it.

Further, the Committee observed that the Project Proponent had not submitted the consent of land of khasra Nos where mining is to be carried out and Committee asked the Project Proponent to submit the same. The Project Proponent accordingly submitted a copy of the revised consent of the land for khasra Nos 46//17/1, 17/2, 18, 19/1, 19/2, 20/1, 20/2, 21, 22/1, 22/2, 23, 24, 51//2, 3/1. 49//15, 16, 17/1, 17/2, 18, 22, 23, 24/1, 24/2, 25, 50/11/1, 11/2, 20/2, 81//2, 3, 4/1 for the proposed mining site which was further perused by the Committee, and found satisfactory.

The Committee further perused the activities mentioned under EMP and observed that no recurring cost has been mentioned against the activity. The Department submitted the revised EMP with details as under:

S. No.	Description	Total Cost to be Incurred (in Rs)	Recurring cost
1)	Water Sprinkling Measures to be done on haul road to suppress dust including Haul Road and other Roads Repair	3,50,000	50,000
2)	Septic tank & Mobile toilets and Solid Waste	65,000	70,000

I. Sh Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.

II. Smt. Harmanpreet Kaur, Environmental Consultant, M/s Eco Paryavaran Laboratory Ltd.

During the meeting, the Environmental Consultant presented the salient features of the project & informed that the mining site is a Commercial Mining Site.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	100,000	50,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000

3	Plantation and maintenance of 195 saplings (3.87 Ha x 50 saplings/Ha= 195 saplings) @ Rs.1000 per sapling.	1,95,000	65,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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 1.5/ MT for commercial mining site (Plantation through Forest Department under Greening Punjab Mission)		1,63,000	
Total		7,53,700	2,27,000

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 3.87 Ha for the quantity of 51,629 TPA, which shall not exceed the quantity of 1,08,669.6 Tonnes as per the approved DSR at Village ADB Rail, Tehsil Balachaur, District SBS Nagar, 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. The project proponent shall implement the EMP as per Table 1 above.
- II. Enhancement in the total quantity can be approved by SEIAA upon submission of credible replenishment study data.
- III. Project Proponent will deposit the Capital cost of Rs 1,95,000 to be incurred on plantation of 195 saplings plus AEA cost of Rs 1,63,000 (Total Rs 3,58,000) under GPM head of Account of DFO SBS Nagar of the Forest Department prior to commencement of Mining operations. The Project Proponent will also deposit the annual recurring cost of Rs 65,000 per annum for maintenance of the plantations in the following 3 years on the 1st of September 2024, 2025 and 2026 under GPM head of the Forest Department as under:

Demand No.	32- Forestry and Wildlife
Major Head	0406 – Forestry and Wildlife
Sub-Major Head	01 – Forestry
Minor Head	102- Receipts from Social and Farm Forestry
Sub-Head	03 – Green Punjab Mission
Detailed Head	01- Green Punjab Mission Fees

Item No. 258.15: Regarding applications for Environmental Clearance for carrying out mining of minor minerals (sand) at the mining site of Village- Majari Tehsil & Distt. Rupnagar (SIA/PB/MIN/421105/2023) by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division.

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar 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- Majari Tehsil & Distt. Rupnagar (SIA/PB/MIN/421105/2023).

The Department has deposited requisite fee of Rs. 9960/-vide reference no. CMS/001161290230/SEIAA603 dated 06.03.2023 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/Majari/307 dated 1.2.2023. The approval under FCA or NBWL is not applicable.

1.0 Deliberations during 243rd meeting of SEAC held on 03.04.2023.

The meeting was attended by the following:

- (i) Mr. Rupinder Singh, Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division, Rupnagar.
- (ii) Mr. Sandeep Garg, Environmental Consultant M/s Eco Laboratories Pvt Ltd.

The Committee allowed the Department & Environmental Consultant to present the salient features of the application proposals. Thereafter, the Environmental Consultant present the cases as under:

Location of the site	Area (ha.)	Quantity proposed (TPA)	Area of the Mining Lease (ha.)	Quantity from lease area (TPA)	Whether Site falls in any cluster, if yes (code/area)	Area of the leased-out area (ha.)	Quantity Leased (MT)
Village-Majari, Tehsil Nangal, District- Rupnagar	10.15	124438.9	4.98	38871	It is merged as one site.	Nil	Nil

The Committee perused the application proposal of Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division for carrying out mining of minor minerals (sand)

at the aforementioned mining sites. The Committee observed that the mandatory information required to appraise the applications are missing and there are certain short comings in the application proposals which needs to be rectified/provided.

After detailed deliberations, SEAC informed the proponent about these shortcomings in the proposal and decided to defer all the cases, till the receipt of the reply to the following observations made during the meeting.

- (i) The Department shall submit the synopsis/summary in an annotated form pertaining to the following mandatory information for each of the mining sites:
 - a) Category of the Project as per the EIA notification dated 14.09.2006.
 - b) Hadbast No. of the Village
 - c) Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal
 - d) Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.
 - e) Longitude & Latitude of the mining site.
 - f) Details of cluster formation
 - g) Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)
 - h) Whether demarcation/erection of boundary pillars on the site has been done.
 - i) Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be.
 - j) Salient features of approved mining plans
 - k) Method of mining
 - l) No. of workers on the site when fully operational
 - m) Total water requirement for domestic and other usage and its source

- n) Waste water generation and its disposal
 - 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.
 - p) Activities to be undertaken under EMP along with its cost.
 - q) Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.
- (ii) The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.
- (iii) 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.
- (iv) The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.
- (v) 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.
- (vi) The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts
- (vii) 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-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:
- a. Developing mini forests (Nanak Bagichi), urban forests, green belts, biodiversity parks etc., raising of avenue plantations and plantations in public/community areas/

educational institutions/Govt. buildings/banks of rivers/cantonment areas or any other land made available by the Govt. agencies and other institutions either by the Project Proponent itself or through the State Forest Department.

- b. Cleaning and rejuvenating village ponds, water bodies, wetlands, storm drains etc. (treatment of village sewer pond using PPCB and other approved scientific models), such as: (i) Action Plan for Rejuvenation of Ponds (<https://ppcb.punjab.gov.in/sites/default/files/documents/Action-Plan-forRejuvenation-of-Ponds-31.03.20.pdf>) (ii) Guidelines for restoration of Water Bodies (<https://ppcb.punjab.gov.in/sites/default/files/documents/Indicative%20Guidelines%20for%20Restoration%20of%20Water%20Bodies%20by%20CPCB.pdf>), and (iii) Technical Committee Report on wastewater treatment (<https://ppcb.punjab.gov.in/sites/default/files/documents/Report%20of%20Technical%20Committee%20For%20Treatment%20of%20wastewater%20of%20Village%20Pond.pdf>)
- c. Developing infrastructure for (i) Utilizing treated effluent of STPs (double plumbing, construction work roadside sprinkling (ii) Reusing STP/ETP sludge as farmyard manure (FYM) or 'other activities approved by CPCB/PPCB/MoEF&CC, and (iii) Replacing soakage pits and/or providing septic tanks in government education institutions and other government buildings/projects.
- d. Provisioning solar panels/lights and other energy saving electric devices/equipment's including LED bulbs etc. in the government/municipal/other public schools, hospitals and dispensaries etc. or in other public buildings.
- e. Provisioning Roof top rainwater harvesting (RWH) and other water/groundwater conservations activities in the government/ municipal/ other public schools, hospitals and dispensaries etc. or in other public buildings.
- f. Provisioning Solid waste management including composting/vermi-composting, authorized approaches of reuse & recycle, Material Recovery Facility (MRF) to reach zero waste condition, etc.

- g. Developing and establishing alternatives to the single use plastic (SUP) and plastic carry bags.
- h. Ameliorating air, water, soil & noise pollution as prescribed in the applicable District Environment Plan (DEP) <https://decc.punjab.gov.in/> where gaps exist and which are not the statutory responsibility of government departments / agencies, including need based environmental activities as proposed by the project proponent/their accredited consultants based on site-specific field surveys of the project and nearby areas and approved by SEIAA/SEAC/PPCB.
- i. Preparing Peoples Biodiversity Register (PBR) at all levels (District, block & village) and conserving state's biodiversity heritage sites (BHS), Eco zones, Hotspots, Wildlife & bird sanctuaries, etc.
- j. Organizing environmental awareness activities/celebrations/programmes, preparing and distributing resource material for abatement and control of pollution and restoration of environment of Punjab and approved by SEIAA/SEAC/PPCB/academic experts.
- k. Suppressing dust by using vacuum cleaners, sprinklers, fountains, misting machines/vehicles/artificial rain etc.
- l. Managing waste in scientific and environmentally sound manner including establishment of recovery facilities of e-waste, construction and demolition waste, plastic waste, toxic/hazardous waste, bio-medical waste, industrial wastes, dairy/Gaushala waste etc.
- m. Promoting and developing eco-tourism areas/activities, green buildings, agriculture diversity, organic/natural farming/herbal/medicinal/botanical gardens, electric vehicles, cleaner fuels, biodegradable materials, etc.
- n. Controlling and managing (In-situ/Ex-situ) stubble burning (Parali) in Punjab.
- o. Developing clean and innovative technologies for reducing water, air and solid waste pollutants including reuse and recycling of resource materials.
- p. Restoration of damage to link road/village road due to mining activity.

2.0 Deliberations during 244th meeting of SEAC held on 17.04.2023.

The meeting was attended by the following:

- (i) Mr. Rajat Grover, District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar & Anandpur.
- (ii) Mr. Sandeep Garg, Environmental Consultant M/s Eco Laboratories Pvt Ltd.

SEAC allowed the Department & Environmental Consultant to present the ADS reply of the observations raised by SEAC in its 243rd meeting of SEAC held on 03.04.2023. Thereafter, the Environmental Consultant presented the salient features as under:

1. Brief Summary of the Sand Mining Project MAJARI (Distt. Rupnagar)

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	Rupinder Singh Pabla XEN/DMO, Drainage-cum-mining and Geology Division, WRD, Punjab, Room No. 145, D.C. Complex, Mini Secretariat, Rupnagar. 9878688998 rupinder.p@punjab.gov.in
ii)	Name of Environmental Consultant Mobile No. Email ID	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 md@ecoparyavaran.org
iii)	Online Proposal No.	SIA/PB/MIN/421105/2023
iv)	Project Name & Location	RBM Mining Project Village-Majari, Tehsil-Nangal District- Rupnagar (Punjab) byXEN/DMO District: Rupnagar, Government of Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

2. Details of the mining project as required by SEAC during meeting held on 03.04.2023

S.No.	Item	Details
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a.	Category of the Project as per the EIA notification dated 14.09.2006	B2
b.	Hadbast No. of the Village	266
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	41(70-2), 39R/19/3(6-0), 39R/20(8-0), 39R/21(8-0), 39R/22(8-0)
d.	(i) Area of mining site and area as per DSR (ii) Depth up to which sand shall be extracted	(i) 4.98 Ha and 10.15 Ha (ii) 2.5 m
d.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.	No
e	Longitude & Latitude of the mining site	
	PIT 1	
	Pillar No.	Latitude
	1	31°17'21.68"N
	2	31°17'25.06"N
	3	31°17'23.38"N
	4	31°17'22.51"N
	5	31°17'21.99"N
	6	31°17'22.26"N
	7	31°17'20.69"N
	8	31°17'19.64"N
	9	31°17'18.74"N
	PIT-II	
	1	31°17'21.85"N
	2	31°17'21.86"N
	3	31°17'17.96"N
	4	31°17'17.96"N
		76°18'37.64"E
		76°18'45.43"E
		76°18'47.39"E
		76°18'46.37"E
		76°18'46.89"E
		76°18'47.15"E
		76°18'49.02"E
		76°18'47.97"E
		76°18'40.85"E
		76°18'57.82"E
		76°19'2.78"E
		76°19'2.69"E
		76°18'57.67"E

f.	Details of cluster formation	Not applicable
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC attested through Notary is submitted.
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation has been done. Copy of demarcation report submitted.
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	Forest and Wildlife Clearance not applicable. Undertaking regarding same is submitted.
j.	Salient features of approved mining plans	Date of approval of mining plan: 01-02-2023 Total approved quantity: 93278 MT
k.	Method of mining	Semi-mechanized
l.	No. of workers on the site when fully operational	23
m.	Total water requirement for domestic and other usage and its source	3.1 KLD (Domestic - 1 KLD, Dust suppression - 2.10); Source of water supply: Tankers
n.	Waste water generation and its disposal	Approx. 0.8 KLD of domestic waste water will be generated which will be treated in proposed septic tank, overflow of which will be used for green area.
o.	Information regarding nos of truck/trolleys 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.	No. of Truck/Trolleys per day: 14 Detailed proforma along with map submitted.
p.	Activities to be undertaken under EMP along with	Submitted

	its cost.	
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. Undertaking submitted.
C) Additional Details required by SEAC during meeting held on 03.04.2023		
i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No tree to be felled
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.	Distance from nearest habitation is 50m which is as per guideline. The same has been incorporated in the KML file and will be presented before the committee.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge approx. 9 km Distance from Major Bridge- NA
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.	Distance from the nearest mining site 550 meters NangraKalmot
v	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	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 submitted.
vi	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs.	Submitted.

<p>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-mechanized mining. Any of the suggested additional environmental activities may be undertaken as a part of EMP</p>	
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During meeting, the Committee perused the Khasra no. of the proposed mining site and observed that these are also given in the approved DSR of Roopnagar, NOC of the land owner and approved mining plan.

During perusal of ADS reply submitted by the Department, the Committee observed that the distance of the proposed mining site is 50 m from nearest habitation, whereas, as per the Sustainable Sand Mining Guidelines, 2016, the mining cannot be allowed at a distance of less than 60 m from any civil structure. In this regard, the Department apprised the Committee that the distance of 50 m has been mentioned inadvertently, however, the mining site is actually located at a distance of 78 m from the nearest habitation. A copy of the KML file showing the distance from the habitation area also submitted by the Department.

The Committee further observed that in the Environment Management Plan (EMP), the priority will be given to the activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, solid waste management, green belt development etc. The Committee asked the Department to revise the EMP accordingly. The Department submitted the revised EMP with details as under:

Sr. No.	Description	Total Cost to be incurred (in Rs.)
1.	Water sprinkling measures to be done on haul road to suppress dust	1,15,000/-
2.	Haul Road and other Roads Repair	1,80,000/-
3.	Green belt development (with tree guards)	2,49,000/-
4.	Septic tank & Mobile toilets and Solid waste	65,000/-

	management	
	Total	6,00,900/-

After detailed deliberations, the Committee observed that the project site is complying with the SSMG 2016 and EMGSM 2020 and decided to forward the case to SEIAA with the recommendation to grant Environmental Clearance for carrying out mining of minor minerals (sand) as per the approved mining plan in the land area of 4.98 Ha at Village-Majari, Tehsil-Nangal, District- Rupnagar subject to the conditions attached as **Annexure-I**.

3.0 Deliberations of 247th meeting of SEIAA held on 28.04.2023

The meeting was attended by the following:

- (i) Mr. Rajat Grover, District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar & Anandpur.
- (ii) Mr. Sandeep Garg, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

It was observed that the DSR of Rupnagar District was approved by SEIAA vide letter no. SEIAA/MS/2022/1318 dated 27.12.2022. However, as per information received from the Mining Department during various meetings of SEAA, the levels recorded in the DSR are incorrect on account of calibration error in the equipment used for the surveys by the consultant. The Mining Department was therefore advised to re-submit the amended DSRs after incorporating the correct levels duly certified by the Chief Engineer Mining Department. However, despite reminders, the amended DSR has still not been submitted. In absence of amended DSR with correct levels of benchmarks / sandbars etc and its revised approval by SEIAA, it is not possible to consider the applications of the Mining Department for obtaining ECs in Rupnagar District. The situation is identical in respect of Pathankot District also. SEIAA therefore decided that EC applications in respect of Rupnagar and Pathankot Districts will only be considered after submission and approval of the amended DSRs of these Districts.

Notwithstanding the above and taking into consideration the fact that the officers of the Mining Department and Project Consultant were present and the case had been recommended for approval by SEAC, SEIAA decided to allow the Consultant to present the salient features of the Project so that SEIAA's further observations / requirements could be addressed by the project proponent parallelly

with the submission of the amended DSR and so that these observations / requirements could be incorporated in the other EC applications under preparation by the Mining Department and their accredited consultants.

After presentation and deliberations thereon, the following observations were made and conveyed to the Mining Department:

1. EMP for all mining cases must include provision of plantation of 50 saplings per Ha. of the mining lease area @ Rs 1000 per sapling for plantation of saplings in the 1st year and Rs 1000 per sapling for subsequent maintenance for a period of 3 years (total Rs 2000 per sapling). As the Mining Department has elected to undertake this activity through the State Forest Department, an amount of Rs 1000 per sapling should be deposited in the Government Treasury under Budget head of "Greening Punjab Mission" prior to commencement of mining operations and a further amount of Rs 1000 per sapling one year thereafter for maintenance and upkeep of the plantations in the following Budget Head of Account:

Demand No.	32- Forestry and Wildlife
Major Head	0406 – Forestry and Wildlife
Sub-Major Head	01 – Forestry
Minor Head	102- Receipts from Social and Farm Forestry
Sub-Head	03 – Green Punjab Mission
Detailed Head	01- Green Punjab Mission Fees

2. Besides the main EMP plan (which will include the aforementioned plantation @ 50 plants per Ha., Air quality amelioration, dust and Noise mitigation, sanitation / hygiene / health of workers, solid waste management and maintenance of roads etc), Additional Environmental Activities @ Rs 0.50 Per MT of total quantity of minor minerals to be extracted if mining is to be done manually and @ Rs 1.50 per MT in case mining is to be undertaken through semi-

mechanised means must also be included in the EMP. As recommended by SEAC in its 243rd meeting held on 03.04.2023, the additional environmental can be selected by the Project Proponent from amongst the following:

- a) Developing mini forests (Nanak Bagichi), urban forests, green belts, biodiversity parks etc., raising of avenue plantations and plantations in public/community areas/ educational institutions/Govt. buildings/banks of rivers/cantonment areas or any other land made available by the Govt. agencies and other institutions either by the Project Proponent itself or through the State Forest Department.
- b) Cleaning and rejuvenating village ponds, water bodies, wetlands, storm drains etc. (treatment of village sewer pond using PPCB and other approved scientific models), such as: (i) Action Plan for Rejuvenation of Ponds (<https://ppcb.punjab.gov.in/sites/default/files/documents/Action-Plan-forRejuvenation-of-Ponds-31.03.20.pdf>) (ii) Guidelines for restoration of Water Bodies (<https://ppcb.punjab.gov.in/sites/default/files/documents/Indicative%20Guidelines%20for%20Restoration%20of%20Water%20Bodies%20by%20CPCB.pdf>), and (iii) Technical Committee Report on wastewater treatment (<https://ppcb.punjab.gov.in/sites/default/files/documents/Report%20of%20Technical%20Committee%20For%20Treatment%20of%20wastewater%20of%20Village%20Pond.pdf>)
- c) Developing infrastructure for (i) Utilizing treated effluent of STPs (double plumbing, construction work roadside sprinkling (ii) Reusing STP/ETP sludge as farmyard manure (FYM) or 'other activities approved by CPCB/PPCB/MoEF&CC, and (iii) Replacing soakage pits and/or providing septic tanks in government education institutions and other government buildings/projects.
- d) Provisioning solar panels/lights and other energy saving electric devices/equipment's including LED bulbs etc. in the government/municipal/other public schools, hospitals and dispensaries etc. or in other public buildings.
- e) Provisioning Roof top rainwater harvesting (RWH) and other water/groundwater conservations activities in the government/ municipal/ other public schools, hospitals

and dispensaries etc. or in other public buildings.

- f) Provisioning Solid waste management including composting/vermi-composting, authorized approaches of reuse & recycle, Material Recovery Facility (MRF) to reach zero waste condition, etc.
- g) Developing and establishing alternatives to the single use plastic (SUP) and plastic carry bags.
- h) Ameliorating air, water, soil & noise pollution as prescribed in the applicable District Environment Plan (DEP) <https://decc.punjab.gov.in/> where gaps exist and which are not the statutory responsibility of government departments / agencies, including need based environmental activities as proposed by the project proponent/their accredited consultants based on site-specific field surveys of the project and nearby areas and approved by SEIAA/SEAC/PPCB.
- i) Preparing Peoples Biodiversity Register (PBR) at all levels (District, block & village) and conserving state's biodiversity heritage sites (BHS), Eco zones, Hotspots, Wildlife & bird sanctuaries, etc.
- j) Organizing environmental awareness activities/celebrations/programmes, preparing and distributing resource material for abatement and control of pollution and restoration of environment of Punjab and approved by SEIAA/SEAC/PPCB/academic experts.
- k) Suppressing dust by using vacuum cleaners, sprinklers, fountains, misting machines/vehicles/artificial rain etc.
- l) Managing waste in scientific and environmentally sound manner including establishment of recovery facilities of e-waste, construction and demolition waste, plastic waste, toxic/hazardous waste, bio-medical waste, industrial wastes, dairy/Gaushala waste etc.
- m) Promoting and developing eco-tourism areas/activities, green buildings, agriculture diversity, organic/natural farming/herbal/medicinal/botanical gardens, electric vehicles, cleaner fuels, biodegradable materials, etc.

- n) Controlling and managing (In-situ/Ex-situ) stubble burning (Parali) in Punjab.
- o) Developing clean and innovative technologies for reducing water, air and solid waste pollutants including reuse and recycling of resource materials.
- p) Restoration of damage to link road/village road due to mining activity.

3. The EC application should be as per Checklist at Annexure B and should clearly mention the quantities of minor minerals already extracted from the Mining site in accordance with the conditional permission granted by SEIAA for 3 months. The already extracted quantity should be deducted from the quantity permitted as per the approved Mining Plan and balance quantity to be extracted should be specified in the EC application. A certificate in this regard, is also required to be furnished by the concerned District Mining Officer.

After detailed deliberations, SEIAA decided as under:

1. That the application of the project proponent shall be considered only after the amended DSR of Rupnagar District has been submitted and approved by SEIAA and after incorporation of the above observations / information desired by the Authority. As such, an ADS be raised to the project proponent through the Parivesh Portal to submit the above-mentioned information and incorporation in the EC application.
2. The aforementioned decisions be conveyed to the Mining Department and Member Secretary SEAC for information and requisite action.

In compliance with the aforesaid decision, the following action have been taken:-

- i) The decision of SEIAA has been conveyed to the Chief Engineer, Mining Department SEIAA/MS/2023/757-758 Dt. 18.05.2023 with a copy to Member Secretary SEAC for information and necessary action.
- ii) ADS have been raised on 16.05.2023 to the Project Proponent for sending the reply to aforesaid observations.

4.0 Deliberations of 255th meeting of SEIAA held on 20.07.2023

The meeting was attended by the following:

(i) Mr. Sandeep Garg, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

SEIAA was apprised that SEAC was yet to send its comments / recommendations in respect of the amended DSR of Rupnagar District. It was therefore decided to defer the case till the comments of SEAC were obtained and the amended DSR was thereafter considered and approved by SEIAA.

Accordingly, the amended DSR submitted by the Mining Department was sent to SEAC for its re-appraisal vide SEIAA letter No. SEIAA/MS/2023/822 dated 23.06.2023.

Member Secretary SEAC vide his letter No. SEAC/MS/2023/884 dated 24.07.2023 has informed that the DSR was considered by the SEAC in its meeting held on 17.07.2023. A copy of the said proceedings were enclosed by MS SEAC with the letter dated 24.07.2023 as per which the observations of SEAC were replied to by the Mining Department during the meeting and necessary corrections etc were made in the DSR. SEAC therefore recommended approval of the amended DSR in its meeting held on 24.07.2023.

The amended DSR was considered by SEIAA in its 256th meeting held on 25.07.2023. After careful examination and keeping in view the recommendations made by SEAC, the amended DSR of Rupnagar District was approved by the Authority subject to the conditions stipulated by SEIAA vide its letter No. SEIAA/MS/2022/1318 dated 27.12.2022 and further relevant advisories / amendments thereto.

Accordingly, the decision of SEIAA has been conveyed to Deputy Commissioner Rupnagar vide letter no. 1086-1089 dated 17.08.2023 with a copy to Member Secretary, SEAC and Principal Secretary, Department of Water Resource , Chandigarh.

The Project Proponent submitted reply vide letter dated 06.07.2023.

5.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office

of the Mining Department.

(ii) Sh. Gurdit Pal Singh, SDO, Nangal.

(iii) Smt. Harmanpreet Kaur, Environmental Consultant, M/s Eco Paryavaran Laboratory Ltd.

The Environmental Consultant presented the salient features of the project. SEIAA noted that the amended DSR of Rupnagar District had been approved on 17.08.2023 and the ADS raised by SEIAA had also been replied to by the Environmental Consultant of the PP. The case could therefore be considered for approval.

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.

The proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were thereafter 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	100,000	50,000
2	Water Sprinkling Measures to be done on haul road to suppress dust	1,00,000	50,000
3	Plantation and maintenance of 250 saplings (4.98 Ha x 50 saplings/Ha= 250 saplings) @ Rs.1000 per sapling.	2,50,000	83,000
4	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	25,000
5	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	50,000	20,000
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 for manual mining site (Plantation through Forest Department under Greening Punjab Mission or by the Mining Department)		46,600	
Total		6,57,300	2,45,000

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 4.98 Ha for the quantity 35,061 TPA and total quantity of 93,278 MT as per the approved DSR at Village-Majari, Tehsil-Nangal, District- Rupnagar, 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 permissible.
- 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.

Item No. 258.16: Application for amendment of Environment Clearance for riverbed mining project at village Arzi Derya Bramd Rail, District SBS Nagar measuring 4.90 Ha.

M/s Mahadev Enclave Pvt. Ltd. was granted Environmental Clearance (EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide no. DECC/SEIAA/2020/3445 dated 05.11.2020 for carrying out mining of minor minerals (sand) @ 1,27,422 TPA in an area of 4.90 hectares in the revenue estate of Village Arzi Derya Bramd Rail, District SBS Nagar, subject to certain conditions.

Later on, M/s Mahadev Enclave Pvt. Ltd was granted amendment for change in mining method from manual to semi mechanized for mining of minor minerals (sand) by SEIAA vide letter no. SEIAA/MS/2023/367 dated 10.03.2023.

XEN-cum DMO, S.B.S Nagar vide letter no. 2575-78/Cluster XIII dated 09.06.2023 had requested to transfer the EC in the name of M/s Baba Technoplast, Bagbania, Nalagarh Road, Solan, Himachal Pradesh.

1.0 Deliberations during 255th meeting of SEIAA held on 20.07.2023

The case was considered by SEIAA in its 255th meeting held on 20.07.2023 which was attended by Sh. Paras Mahajan, Asst. Geologist, Govt of Punjab.

The Project Proponent has requested to transfer the EC issued in the name of XEN-cum DMO, S.B.S Nagar to M/s Baba Technoplast, Bagbania, Nalagarh Road, Solan, Himachal Pradesh.

In response to query by SEIAA, the Project Proponent informed vide letter no. 34 dated 20.07.2023 that 72,041 Tons of material had been extracted from the mine Arzi Derya Bramd Rail, District SBS Nagar till date.

After detailed deliberations and examination of relevant documents, SEIAA decided to transfer the EC issued vide no. SEIAA/MS/2023/367 dated 10.03.2023 for carrying out mining of minor minerals (sand) @ 1,27,422 TPA in an area of 4.90 hectares in the revenue estate of Village Arzi Derya Bramd Rail, District SBS Nagar to M/s Baba Technoplast, Bagbania, Nalagarh Road, Solan, Himachal Pradesh along with special conditions as under:

1. M/s Baba Technoplast, Bagbania, Nalagarh Road, Solan, Himachal Pradesh shall be responsible for compliance of all conditions of previous environmental clearance issued.
2. The extraction of minor minerals shall be restricted to 55,381 Tons (1,27,422 Tons minus already extracted quantity of 72,041 Tons).

In compliance with the aforesaid decision, Environmental clearance have been transferred vide letter no.1015 dated 09.08.2023 to the applicant.

A fresh representation was received from the environmental consultant of the promoter company vide letter no. BTP/PB/2023-24/005 dated 07.08.2023 requesting for re-examine the special condition no-2 i.e. The extraction of minor mineral shall be restricted to 55,381 Tons (1,27,422 Tons minus already extracted quantity of 72,041 Tons).

2.0 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. Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Avnit Kumar, Authorized Signatory, Baba Technoplast
- (iii) Sh. Manas Vyas, Environmental Consultant, M/s P&M Solution

SEIAA examined the request made by the project proponent as also their submission that 72,041 Tones of minor minerals (earlier directed to be deleted from the mineable quantity by SEIAA) was, in fact, extracted well before the finalization of the District Survey Report. SEIAA observed that as per the approved DSR of SBS Nagar, 3,82,4496 MT of mining mineral is available at the mining site (i.e. 1,27,422 TPA for a period of 3 years) which is permissible to be extracted without deduction of 72,041 MT since this quantity was extracted prior to the preparation of the new DSR.

After detailed deliberations, SEIAA decided to amend the earlier granted transfer of Environmental Clearance by removing the special condition no. 2, which was imposed while transferring the EC to M/s Baba Technoplast vide letter no. 1015 dated 09.08.2023. All other terms and conditions of the

original EC and subsequent transfer of the same to the present PP shall remain unchanged and will be strictly adhered to by the PP.

Item No. 258.17: Application for transfer of Environment Clearance for riverbed mining project at Village-Naushehra Simbli, Tehsil-Mukerian, District-Hoshiarpur, Punjab measuring 0.81 Ha.(Proposal No. SIA/PB/MIN/303122/2023).

Executive Engineer Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab was granted Environmental Clearance(EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide no. SEIAA/PB/MIN/2023/EC/10 (EC ID No.EC23B001PB168575) dated 28.07.2023 (Proposal no. SIA/PB/MIN/423891/2023) for carrying out mining of minor minerals (sand) @ 8262 TPA (Max. 21068.1 MT over the period of 3 years) in an area of 0.81 Ha in the revenue estate of Village-Naushehra Simbli, Tehsil-Mukerian, District-Hoshiarpur, Punjab, using open cast semi-mechanized method subject to certain conditions.

Now, an online request vide proposal no. SIA/PB/MIN/303122/2023 has been received from XEN-cum DMO, Hoshiarpur vide letter no. 2481-83 dated 08.08.2023 wherein it has been requested to transfer the EC in the name of M/s Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar.

Along with the request letter, it has further submitted

- Provisional Acceptance letter/Award of Contract for Mining Cluster No. 28 comprising of Sandawa, Naushehra, Badial in District Hoshiarpur issued to Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar vide its letter no. 2221/Cluster 28 dated 05.07.2023 subject to certain conditions.
- Undertaking given by Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar that there is no litigation pending against the project and land in which the project Mining of mineral Naushehra Simbli Gravel Mining Project, (Agriculture Site: SR 01) production capacity 8,262 TPA, Hadbast no. 354 area 0.81 hectare, at Village-Naushehra Simbli, Tehsil-Mukerian, District-Hoshiarpur, Punjab, is proposed to be setup and that for any such litigation whatsoever, the sole responsibility will be borne by project proponent.

1.0 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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Sandeep Kumar, SDO, Mining
- (iii) Sh. Mandeep Singh, Managing Director, M/s Kirat Building Material
- (iv) Sh. Maninder Singh, Mining Inspector

The Managing Director of M/s Kirat Building Material requested SEIAA to transfer the Environmental Clearance granted vide no. SEIAA/PB/MIN/2023/EC/10 dated 28.07.2023 (Proposal no. SIA/PB/MIN/423891/2023) for carrying out mining of minor minerals (sand) @ 8262 TPA (Max. 21068.1 MT over the period of 3 years) in an area of 0.81 Ha in the revenue estate of Village-Naushehra Simbli, Tehsil-Mukerian, District-Hoshiarpur, Punjab issued in the name of Executive Engineer Drainage –cum-Mining & Geology Division, Hoshiarpur to M/s Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar.

To a query of SEIAA, it was informed that there is no change in the proposal of transfer as compared to earlier Environmental Clearance granted and he shall comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query of SEIAA, it was informed that the mining site is commercial mining site and no mining has been carried out in the said site.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s Kirat Building Material subject to the same terms and conditions as mentioned in the original EC and special condition that the Project Proponent shall deposit funds for Plantation (Rs 40,000) and AEA activities (Rs 16,000) i.e. total amount of Rs 56,000/-as stipulated in the Environmental Clearance issued vide EC ID no. EC23B001PB168575 dated 28.07.2023 (read with the proceedings of the 250th meeting of SEIAA held on 09.06.2023) prior to commencing of mining operations in the Greening Punjab Mission budget head of the Forest Department through DFO Hoshiarpur as under:

Demand No.	32- Forestry and Wildlife
Major Head	0406-Forestry and Wildlife
Sub Major Head	01- Forestry

Minor Head	102- Receipts from Social and Farm Forestry
Sub Head	03- Green Punjab Mission
Detailed Head	01-Green Punjab Mission Fees

Item No. 258.18: Application for transfer of Environment Clearance for riverbed mining project at Village- Sandhwal, Sub Tehsil- Hajipur, Tehsil-Mukerian, District-Hoshiarpur, Punjab measuring 2.63 Ha.(Proposal No. SIA/PB/MIN/303127/2023)

It is submitted that Executive Engineer Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab was granted Environmental Clearance(EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide no. SEIAA/PB/MIN/2023/EC/10 (EC Id No. EC23B001PB147925) dated 28.07.2023 (Proposal no. SIA/PB/MIN/422758) for carrying out mining of minor minerals (sand) @ 26,826 TPA (Max. 64,382.4 MT over the period of 3 years) in an area of 2.63 Ha in the revenue estate of Village-Sandhwal, Sub Tehsil- Hajipur, Tehsil-Mukerian, District-Hoshiarpur, Punjab,using open cast semi-mechanized method subject to certain conditions.

Now, an online request vide proposal no. SIA/PB/MIN/303127/2023 has been received from XEN-cum DMO, Hoshiarpur vide letter no. 2481-83 dated 08.08.2023 wherein it has been requested to transfer the EC in the name of M/s Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar.

Along with the request letter, it has further submitted

- Provisional Acceptance letter/Award of Contract for Mining Cluster No. 28 comprising of Sandawa, Naushehra, Badial in District Hoshiarpur issued to Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar vide its letter no. 2221/Cluster 28 dated 05.07.2023 subject to certain conditions.
- Undertaking given by Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar that there is no litigation pending against the project and land in which the project Mining of mineral Sandhwal Gravel Mining Project, (Agriculture Site: SR 02) production capacity 26826 TPA, Hadbast no. 356 area 2.63 hectare, at Village- Sandhwal, Sub Tehsil-Hajipur, Tehsil-Mukerian, District-Hoshiarpur, Punjab, is proposed to be setup and that for any such litigation whatsoever, the sole responsibility will be borne by project proponent.

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. Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Sandeep Kumar, SDO, Mining
- (iii) Sh. Mandeep Singh, Managing Director, M/s Kirat Building Material
- (iv) Sh. Maninder Singh, Mining Inspector

The Managing Director of M/s Kirat Building Material requested to SEIAA, to transfer the Environmental Clearance granted vide no. SEIAA/PB/MIN/2023/EC/10 dated 28.07.2023 (Proposal no. SIA/PB/MIN/422758) for sand mining project (sand) with production capacity of 26,826 TPA over an area of 2.63 Ha located at Village-Sandhwal, Sub Tehsil- Hajipur, Tehsil-Mukerian, District Hoshiarpur, Punjab issued in the name of Executive Engineer Drainage –cum-Mining & Geology Division, Hoshiarpur to M/s Kirat Building Material, Plot No.1, Shop No.2, Nakodar, Khambra, Jalandhar.

To a query of SEIAA Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and he shall comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query of SEIAA, it was informed that the mining site is commercial mining site and no mining has been carried out in the said site.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s Kirat Building Material subject to the same terms and conditions as mentioned in the original EC and special condition that the Project Proponent shall deposit funds for Plantation (Rs 1,32,000) and AEA activities (Rs 49,000) i.e. total amount of Rs 1,81,000/-as stipulated in the Environmental Clearance issued vide EC ID no. EC23B001PB147925 dated 28.07.2023 (read with the proceedings of the 250th meeting of SEIAA held on 09.06.2023) prior to commencing of mining operations in the Greening Punjab Mission budget head of the Forest Department through DFO Hoshiarpur as under:

Demand No.	32- Forestry and Wildlife
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Major Head	0406-Forestry and Wildlife
Sub Major Head	01- Forestry
Minor Head	102- Receipts from Social and Farm Forestry
Sub Head	03- Green Punjab Mission
Detailed Head	01-Green Punjab Mission Fees

Item No. 258.19: Application for transfer of Environment Clearance for riverbed mining project at Hadbast No.-248 Village- Sukhera Bodla, Tehsil Jalalabad & District Fazilka, Punjab measuring 4.94 Ha.(Proposal No. SIA/PB/MIN/302499/2023)

Executive Engineer- Drainage –cum-Mining & Geology Division, Fazilka, WRD Punjab was granted Environmental Clearance(EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide no. SEIAA/PB/MIN/2023/EC/03 dated 04.05.2023 for carrying out mining of minor minerals (sand) @ 94220 MT in an area of 4.94 Ha in the revenue estate of Village- Sukhera Bodla, Tehsil Jalalabad & District Fazilka, Punjab, using open cast semi-mechanized method subject to certain conditions. Now, an online request vide proposal no. SIA/PB/MIN/302499/2023 has been received from XEN-cum DMO, Fazilka vide letter no. 4422/1-A dated 18.07.2023 wherein it has been requested to transfer the EC in the name of M/s Kissan Petroleum (K.S.K), Village Peer Baksh Chauhan, Jalalbad West, Fazilka, Punjab for a period of 3 years.

Along with the request letter, it has further submitted

- Provisional Acceptance letter/Award of Contract for Mining Cluster No. 27 comprising of Sukhera Bodla, Tehsil Jalalabad & District Fazilka, Punjab issued to Kissan Petroleum (K.S.K), Village Peer Baksh Chauhan, Jalalbad West, Fazilka, Punjab vide its letter no. 4178-82/Mining Tender dated 06.07.2023 subject to certain conditions.
- Undertaking given by Sh. Sudhir Kumar, Prop., M/s Kissan Petroleum (K.S.K), Village Peer Baksh Chauhan, Jalalbad West, Fazilka, Punjab that he is the sole prop., their firm is complying with the conditions of provisional acceptance for mining Site at village Sukhera Bodla, Tehsil Jalalabad & District Fazilka, Punjab issued vide no. 4178-82/Mining Tender dated 06.07.2023 by Executive Engineer-cum-District Mining Officer, Fazilka, their firm is complying with the conditions of Environmental Clearance issued by SEIAA vide letter no. SEIAA/PB/MIN/2023/EC/03 dated 04.05.2023 and they assure to comply with the provisions of the Water Act, 1974, the Air Act, 1981 and any other statutory norms applicable on them.

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 Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Chamandeep Singh, Authorized Signatory, M/s Kissan petroleum
- (iii) Sh. Manas Vyas, P&M Solution

Environmental consultant requested SEIAA to transfer the Environmental Clearance granted vide no. SEIAA/PB/MIN/2023/EC/03 dated 04.05.2023 for carrying out mining of minor minerals (sand) @ 47,110 TPA and total quantity not to exceed 94,220 MT in an area of 4.94 Ha in the revenue estate of Village- Sukhera Bodla, Tehsil Jalalabad & District Fazilka, Punjab issued in the name of Executive Engineer- Drainage –cum-Mining & Geology Division, Fazilka to M/s Kissan Petroleum (K.S.K), Village Peer Baksh Chauhan, Jalalbad West, Fazilka, Punjab.

To a query of SEIAA, Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and he shall comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query of SEIAA, it was informed that the site is a commercial mining site and no mining has been carried out in the said site after the issuance of the original EC till date.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s Kissan Petroleum (KSK) subject to the same terms and conditions as mentioned in the original EC and special condition that the Project Proponent shall deposit funds for Plantation (Rs 2,47,000) and AEA activities (Rs 1,97,862) i.e. total amount of Rs 4,44,862/-as stipulated in the Environmental Clearance issued vide EC ID no. EC23B001PB183741 dated 04.05.2023 (read with the proceedings of the 242nd meeting of SEIAA held on 24.03.2023) prior to commencing of mining operations in the Greening Punjab Mission budget head of the Forest Department through DFO Fazilka as under:

Demand No.	32- Forestry and Wildlife
Major Head	0406-Forestry and Wildlife
Sub Major Head	01- Forestry

Minor Head	102- Receipts from Social and Farm Forestry
Sub Head	03- Green Punjab Mission
Detailed Head	01-Green Punjab Mission Fees

Item No. 258.20: Application for transfer of Environment Clearance for riverbed mining project at Village- Akkuwal, Tehsil- Jagraon, District- Ludhiana, Punjab measuring 20.65 Ha.(Proposal No. SIA/PB/MIN/303255/2023)

The General manager cum Mining Officer, District Industries Centre, Ludhiana was granted Environmental Clearance(EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide no. SEIAA/MS/ 2017/547 dated 03.05.2017 for carrying out mining of minor minerals (sand) @ 9,03,231 TPA in an area of 20.65 Ha in the revenue estate of Village- Akkuwal, Tehsil- Jagraon, , District- Ludhiana, Punjab, using open cast semi-mechanized method subject to certain conditions.

Later on, the Environmental Clearance was transferred to M/s Mahadev Enclave Pvt. Ltd. vide letter no. SEIAA/M.S/2020/1400 dated 16.01.2020. Amendment in said EC permitting semi-mechanized mining was issued vide SEIAA letter no. SEIAA/MS/2023/340 dated 10.02.2023.

An online request vide proposal no. SIA/PB/MIN/303255/2023 was received from XEN-cum DMO, Ludhiana vide letter no. 4831-34/1-L dated 28.07.2023 wherein it has been requested to transfer the EC in the name of M/s Tirupati Earth and Project Works Pvt. Ltd., 3, Sadashiv Properties, Katras Road, Dhanbad, Jharkhand.

Along with the request letter, it has been further submitted as under:

- Provisional Acceptance letter/Award of Contract for Mining Cluster No. 01 comprising of Akkuwal Mine in District Ludhiana issued to M/s Tirupati Earth and Project Works Pvt. Ltd., 3, Sadashiv Properties, Katras Road, Dhanbad, Jharkhand vide its letter no. 4326/Cluster No. 01 dated 05.07.2023 subject to certain conditions.
- Undertaking given by Sh. Mohit Goyal, Manager, M/s Tirupati Earth and Project Works Pvt. Ltd., 1049, Sector-17, HUDA, Jagadhri, Yamuna Nagar, Haryana that he is the manager and authorized to represent and sign the documents on behalf of the company, their firm is complying with the conditions of Environmental Clearance issued by SEIAA vide letter no.'s SEIAA/MS/2017/547 and they assure to comply with the provisions of the Water Act, 1974, the Air Act, 1981 and any other statutory norms applicable on them.

- Authority Letter given by Sh. Gurpreet Singh Sabharwal, Director, M/s Tirupati Earth and Project Works Pvt. Ltd., 3, Sadashiv Properties, Katras Road, Dhanbad, Jharkhand to Mohit Goyal, Manager to sign, execute and submit required documents.

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. Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Akash Aggarwal, Auhtorized signatory, M/s Tirupati Earth and Project Works Pvt. Ltd.
- (iii) Smt. Harmanpreet Kaur, Environmental Consultant, M/s Eco Paryavaran Laboratory Ltd.

Environmental consultant requested SEIAA to transfer the Environmental Clearance granted vide no. SEIAA/MS/ 2017/547 dated 03.05.2017 for carrying out sand mining project (sand) with production capacity of 9,03,231 TPA over an area of 20.65 Ha from the bed of river bed Satluj located at of Village- Akkuwal, Tehsil- Jagraon, District- Ludhiana, Punjab issued in the name of General manager cum Mining Officer, District Industries Centre, Ludhiana , transferred vide no. SEIAA/M.S/2020/1400 dated 16.01.2020 in the name of M/s Mahadev Enclave Pvt. Ltd and later on amended vide no. SEIAA/MS/2023/340 dated 10.02.2023 .

To a query of SEIAA Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and he shall comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query of SEIAA, it was informed that the mining site is a commercial mining site and and the detail of minor minerals extracted from the mining site is given as under:

Sr. No.	Contract Year	Quantity extracted (MT)	Balance quantity (MT)
1.	1 st Year	854027	49204

2.	2 nd Year	389042	514189
3.	3 rd year	401478	501753
TOTAL		16,44,547	10,65,146

Further, it was informed that the minor minerals were extracted before the preparation of DSR. As per the approved DSR of Ludhiana, 9,03,231 MT of minor minerals are available at this mining site.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s Tirupati Earth and Project Works Pvt. Ltd. subject to the same terms and conditions as mentioned in the original EC and special / additional conditions as under:

1. The annual and total quantities of minor minerals extracted should not exceed the quantities permitted in Annexure V of the approved DSR / approved Mining Plan (whichever are lower).
2. The Conditions prescribed for permitting semi-mechanized mining in the Joint Meeting of SEIAA / SEAC will be strictly adhered to.

Item no. 258.21 Regarding Transfer of Environment Clearance for River bed Mining project at Village Vehran, District Jalandhar having an area of 13.15 ha (Proposal No. SIA/PB/MIN/301336/2023)

The General Manager-Cum-Mining Officer, District Industries Centre, Jalandhar was granted Environmental Clearance under EIA notification dated 14.09.2006 vide no. 682 dated 04.05.2017 for carrying out mining of minor minerals (sand) @ 5,75,181 TPA in an area of 13.15 Hectares in the revenue estate of Village Vehran, Tehsil Nakodar, District Jalandhar, through open cast semi-mechanized method subject to certain conditions.

The said Environmental Clearance was transferred to M/s Mahadev Enclave Pvt Ltd by SEIAA Vide letter no. SEIAA/M.S./2020/1246 Dated 16/01/2020 and then amended by SEIAA vide letter no SEIAA/MS/2023/349 Dated 10.02.2023.

The Mining Department has now allotted the Mining Block to M/s Kissan Petroleum (K.S.K.) vide letter no 1661/Cluster-VI (Mining Jal) dated 05.06.2023.

Since the EC is valid for the said mining site till 03.05.2025, it has been requested to kindly transfer the EC letter in the name M/S Kissan Petroleum (K.S.K.)

The project proponent has submitted the following documents alongwith request letter:

- i) Letter issued by the Executive Engineer -cum-District Mining Officer, Jalandhar is attached along with this letter.
- ii) Undertaking to the effect that M/s Kissan Petroleum (K.S.K.) will abide by all the terms and conditions of the EC granted to earlier Project Proponent.
- iii) Processing fees of Rs 26,300 in the account of "Society for Mission Tandrust Punjab" vide UTR no. PUNBH23167556418 on 16.06.2023.

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. Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department
- (ii) Sh. Amrinder singh, Xen-Drainage, Jalandhar.
- (iii) Sh. Manas Vyas, Environmental Consultant, M/s P&M Solution.

Environmental consultant requested to SEIAA, to transfer the earlier granted Environmental Clearance proposal no. SIA/ PB/ MIN/ 59446/2016 dated 04.05.2017 for sand mining project (sand) with production capacity of 5,75,181 TPA in an area of 13.15 Hectares in the revenue estate of Village Vehran, Tehsil Nakodar, District Jalandhar, Punjab, subject to certain conditions.

To a query of SEIAA Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and he shall comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query of SEIAA, it was informed that the mining site is commercial mining site and minor minerals extracted from the mining site is as under:

Sr. No.	Contract Year	Quantity extracted per annum (MT)	Balance quantity per annum (MT)
1.	1 st Year	561329.67	13852.33
2.	2 nd Year	321728.32	253452.68
3.	3 rd year	266712	308469
TOTAL		1149769.99	5,75,774

Further, it was informed that the minor minerals were extracted before the preparation of DSR. As per the approved DSR of Jalandhar, 5,75,181 MT of minor minerals is available at the mining site.

After detailed deliberation, SEIAA decided to accept the request of the project proponent and transfer the earlier granted Environmental Clearance to M/S Kissan Petroleum (K.S.K.), subject to same terms and conditions as mentioned in the original EC and the following following additional / special conditions:

1. The annual and total quantities of minor minerals extracted should not exceed the quantities permitted in Annexure V of the approved DSR / approved Mining Plan (whichever are lower).
2. The Conditions prescribed for permitting semi-mechanized mining in the Joint Meeting of SEIAA / SEAC will be strictly adhered to.

Item no. 258.22: Extension of time period of permission for carrying out the mining operations pending Environmental Clearance as per the approved DSRs of the Districts in the State of Punjab regarding.

Chief Engineer, Mines and Geology Punjab, vide his letter No. 1770/Glg dated 20.06.2023 Annexure 2 of the Agenda) has requested that the conditional permission accorded by SEIAA for undertaking mining operations (in Ropar, Pathankot, Fazilka, Ludhiana, SBS Nagar, Tarn Taran, SAS Nagar, Jalandhar, Moga, Ferozepur, Amritsar, Hoshiarpur and Gurdaspur Districts) till 30.06.2023 as per their respective approved DSRs pending grant of regular ECs may be extended till 31.10.2023. It has further been requested that upon grant of extension, sand mining operations may be permitted in non-river bed sites during the monsoon season (whereas mining would be discontinued in the river bed sites during the monsoons).

1.0 Deliberations during 251st meeting of SEIAA held on 23.06.2023

The matter was discussed in the 251st meeting of SEIAA attended by Senior officers of Head office of Mining Department.

SEIAA observed that the earlier permissions accorded by it (for undertaking mining operations in accordance with the approved DSRs pending grant of ECs) were granted as a one-time exemption keeping in view the extreme shortage of minor minerals in the state. These permissions were initially granted for 3 months to enable the State to tide over the crisis-like situation which had developed on account of shortage of minor minerals. Even whilst granting the said permissions, it had been explicitly stated that the State must ensure speedy submission of EC / ToR applications. On the request of the Mining Department, the permissions granted for most of the districts were also extended beyond the initial permissions of 3 months for varying periods ranging from an additional 1 to 3 months with the final cut-off date being 30.06.2023. Whilst granting these further extensions in the said Districts, it was clearly stated that no further extension in the exemption period would be granted after 30.06.2023.

SEIAA further observed that in order to streamline and facilitate the process of submission of applications for grant of ECs / ToRs and their subsequent processing by SEAC and SEIAA, a consolidated advisory had been prepared and circulated to the mining department as also to their

consultants along with detailed check-lists to be followed for submission of the applications. Despite these facilitatory measures, the process of submission of ECs/ ToRs applications has not picked up adequate pace and many of the applications submitted by the consultants engaged by the Mining Department have had to be returned as they were incomplete or not as per the checklists communicated to the Department.

After detailed deliberations and consideration of the above factors SEIAA decided as under:

1. The Mining Department be asked to submit the list of non-riverbed sites in respect of which EC/ToR applications have been submitted but ECs / ToRs have not been issued so that these applications can be processed on priority basis by SEIAA / SEAC.
2. Mining Department be further advised to ensure timely submission of the remaining EC / ToR applications and to prioritise the same keeping demand / supply situation in view.

Accordingly, Mining department was requested vide letter no. 956 dated 04.08.2023 to submit list of non-riverbed sites in respect of which EC/ToR applications have been submitted but ECs / ToRs have not been issued so that these applications can be processed on priority basis by SEIAA / SEAC.

Thereafter, Chief Engineer/Mines & Geology, Department of Water Resources vide letter no. 2122 dated 14.08.2023 has sent a copy of agriculture mining sites and list of river bed sites., which were attached as Annexure-4A and Annexure-4B respectively of the Agenda

2.0b 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 Sh. Abhijeet Kaplish, IAS, Director Mining, Govt of Punjab and other officers from Head Office of the Mining Department.

The matter was examined by SEIAA and it was observed that as per Parivesh Portal, the present status of EC / ToR applications submitted by the Mining Department is as under:

Current status of EC / TR applications

S No.	Status	Non-River bed sites	River bed sites	Total	% of total applications
1	ECs granted*	14	14	28	23

2	ToRs granted*	2	0	2	1
3	Pending with XeNs	17	48	65	52
4	Pending with SEIAA/ SEAC	6	23	29	24
5	Total	39	85	124	100

(Including cases cleared in the present meeting)*

SEIAA observed that only 124 applications have been submitted till date for grant of ECs / ToRs by the mining department / their consultants. Considering the fact that the total number of mining sites as per approved DSR's is more than 500, less than 25% of the total number of applications have been submitted till date. Even out of the 124 applications submitted till now, 65 applications (52%) are pending with the concerned XeNs of the Mining Department for want of reply to queries of SEIAA / SEAC whereas ECs have been granted in 23% of the cases, and another 24% of the cases are presently under appraisal / processing of SEIAA/ SEAC .

SEIAA, therefore reiterated its earlier concern and strongly advised the Mining Department to speed up the process of submission of the applications for grant of ECs / ToRs. SEIAA also informed the Mining Department that every effort was being made by it to streamline the appraisal and grant of ECs for the sand mining proposals by increasing the frequency of SEIAA / SEAC meetings as also by prescribing checklists and templates for submission of proposals in order to facilitate both the preparation of the proposals and their scrutiny / appraisal.

SEIAA noted that it had already granted permission for undertaking mining without ECs (on the basis of the approved DSRs) in the month of December 2022 till 31.03.2023 and thereafter, extended this period till 30.06.2023. An additional period of 2 months time has lapsed even after this date. Hence, a total time period of 8 months has already been availed by the mining department for submission of proposals and obtaining requisite ECs but less than 25% of the applications have been submitted

till now. Moreover, Mining Department has not communicated any compelling reasons or circumstances to justify its request for further extending the time period for permitting mining operations without ECs. SEIAA observed that the exemption granted on account of the severe crisis in the State could not be extended in a blanket manner without specific reasons.

Keeping in view the above observations of SEIAA, Director Mining agreed to re-submit the application seeking extension of time period for carrying out mining operations as per the approved DSRs pending the grant of Environmental Clearances by providing site-wise and district -wise specific reasons based on detailed analysis of the data in respect of the sites for which EC / ToR applications have been submitted on Parivesh Portal as per Table below **(in Excel Format)**:

S No	District	Name of mining site	PMS or CMS site	Whether EC or ToR case	Date of submission of case on Parivesh Portal	Total permissible qty of minerals as per Annex V of DSR (MT)	Total qty permitted as per Mining Plan (MT)	Total Qty extracted till date (MT)	Balance qty as per Mining Plan (MT)
1	Amritsar								
2	Amritsar								
n	Amritsar								
Total for n sites for which EC / ToR applications submitted									
Total for all sites in the District									

1	Barnala								
2									
n									
Total									
Grand Total for all sites in all Districts for which EC / Tor cases submitted									
Grand Total for all sites in all Districts									

After detailed deliberations, SEIAA decided to defer the matter till the time Mining department submits the revised proposal including data as per Table above.

Item no. 258.23: Request regarding Change in two conditions enforced for Semi Mechanized method of Mining.

The projects (as mentioned in Annexure-8) have been allotted to various contractors in the state of Punjab by the Mining Department through auctions:

SEIAA, Punjab has already permitted mining via semi- mechanized methods on such sites which are mentioned in the approved DSR but environment Clearance have been granted with the following conditions and in some cases Environmental Clearance is under process:

Now, the project Proponents have sought amendment in two conditions enforced by SEIAA, they have provided the below reasons for the same.

Condition no (v): *“The excavator used for river bed mining and flood plain mining should only be Tyre Mounted.”*

Reason

That the river bed mining sites are swampy, muddy and mucky which makes operation of any tyre mounted vehicle impossible, in general practice at such mining site. They have to push the Trucks/tippers out after loading with the help of excavators and tractors till the dry road.

The tyre mounted excavators are bound to stuck in the muddy and mucky river bed sites which will make the mining activity to be reduced which will in turn lead to loss of revenue to the government and non-availability of material as per demand.

It thus submitted that the condition of tyre mounted excavators be removed so that they can carry on the mining operations smoothly and efficiently.

Condition no (vii) : The capacity of tippers to be used for transportation of minor mineral must not exceed 10 tons. In case larger capacity tippers are required, the permission of concerned department responsible for maintenance of the road should be obtained.

Reason

That they as a contractor are only responsible of excavating the river bed material and loading it on to the tipper/trucks which come for purchase of the said material and they have no control on what capacity of tipper/trucks coming for purchase of material from the site.

The tippers available in the market have capacities of 12, 21 and 32 tons and no transporter will take material less than the capacity of the tipper as it is a loss-making proposition for them.

Also, it is pertinent to mention that mining site is connected by a state highway and National highways which are already designed to withstand load of tippers and trucks so there is no need of approaching them for permission for plying tippers and trucks.

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 Sh. Manas Vyas, Environmental Consultant, M/s P&M Solution representing the various project proponents.

SEIAA examined the request made by the Project proponent and observed that the condition no.'s (v) & (vii) have been imposed in the EC as per decision taken in the joint meeting of SEIAA & SEAC. It was also observed that no recommendation in this regard has been submitted by the Department of Water Resources, Mines & Geology, Punjab.

After detailed deliberations, SEIAA decided that the matter be referred to SEAC as well as to the Mining department for examination and sending their recommendations. The case shall be placed again before SEIAA after getting the recommendations from SEAC and Mining Department.

Annexure-A

Brief Summary of Mining project:

(1) General

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	
ii)	Name of Environmental Consultant Mobile No. Email ID	
iii)	Online Proposal No. & date of Submission	
iv)	Project Name & Location	
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	

2.0 Details of the mining project

Sr. No.	Item	Details
i)	Category of the Project as per the EIA notification dated 14.09.2006	
ii)	Details of Proposed Mining Site (Agriculture land or River/choe mining. In case of River/Choe mining, name of	i) River bed/ Agriculture Mining ii) Commercial Mining Site/ Public Mining Sites

	the River/ Choe to be specified.) (Whether it is a CMS/PMS etc.)				
iii)	Mineral (s) to be mined	1) Sand 2) specify other			
iv)	Method of mining	Manual/Semi Mechanized			
v)	a) Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA b) Area of the Mine as per EC application/DSR/Mining plan c) Depth of mining as per EC application/DSR/Mining plan	Descripti on	As per the EC applicati on	As per the approve d DSR	As per the Mining Plan
		Total Mine Capacity in MT			
		Mine Capacity in TPA			
		Mining Area on mining in HA			
		Depth of Mining in m			
vi)	etails of Final District Survey Report	Approved by :- Reference No: Date of Issue: Safe distance from banks (m): Annual rate of replenishment as per the study conducted:			
vii)	etails Letter of Intent (LOI)/E-Auction	Reference No:			

	issued by the State Govt., where applicable	Date of Issue: Validity of LOI: Mining Lease Area: Mining Quantity:		
viii)	certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Certificate No: Date		
ix)	Hadbast No. of the Village			
x)	a) Detail of Khasra No. of the proposed mining site and Status of consent of owner			
	Khasra No. as per proposal	Khasra No. as per DSR	Status of consent of owner (Yes/No) and Khasra No. as per consent of land	Name of owner of the land as per land NOC, DSR and Jamabandi
	b) Whether undertaking to the effect that the land area & Khasra Nos mentioned in the land NOC of the respective land owners are in the name of the same land owner as per the latest jamabandi of Proposed mining site or not, submitted by the concerned DMO? (Yes/No)			
xi)	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.			
xii)	Demarcation report of mining site	Date of demarcation:		

		Photographs submitted: Yes/No (Note: Photographs must clearly indicate Burji(s)/marking pillars) Signed by : 1) Name and Designation 2) Name and Designation 3) _____	
xiii)	Longitude & Latitude of the mining site		
	Geo-Coordinates of the Lease Area		
	Pillar No.	Latitude	Longitude
xiv)	Whether demarcation/erection of boundary pillars on the site has been done.		
xv)	Does the project involve diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof		
xvi)	Does the project fall of eco-sensitive area/ Nationalpark/Wild Life Sanctuary? If yes, application submitted to NBWL.		
xvii)	Salient features of approved mining plans		
viii)	Cost of the Project (in crores)		
xix)	Environmental Clearance.	Rs _____/- Vide NEFT No _____ dated	

	Fee details	_____		
xx)	No. of workers on the site when fully operational			
xxi)	Total water requirement for domestic and other usage and its source			
xxii)	Waste water generation and its disposal			
xiii)	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.			
xiv)	Activities to be undertaken under EMP along with its cost.	_____ shall be responsible for implementation of EMP till the mining activities closed as per the mining plan.		
	Sr. No	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance		

2	Plantation and maintenance of _____ saplings through State Forest Department under Green Punjab Mission: Plantation cost _____ Ha x 50 saplings/Ha= _____ saplings @Rs.1000 per sapling.		
3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management		
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.		
5	Additional Environmental activities (Rs. 1.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of greenarea(s)/belt(s))		
6	Regular health check-up camps for the workers engaged in mines shall be organized.		
7	Environmental Monitoring (Air, Water Soil etc.).		
Total			

Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility

Sh. _____ (Director) of M/s. _____ will be responsible for implementation of Additional Environmental Activities (AEA). As the project having

minable Quantity _____ MT, The project proponent has proposed to spent Rs _____ Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -

- i) The project proponent shall deposit Rs _____ for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC as specified at S No. 3 of Table 1 in the following Budget Head:

Table-1

Demand No.	32- Forestry and Wildlife
Major Head	0406 – Forestry and Wildlife
Sub-Major Head	01 – Forestry
Minor Head	102- Receipts from Social and Farm Forestry
Sub-Head	03 – Green Punjab Mission
Detailed Head	01- Green Punjab Mission Fees

- i) Rs _____ for repair of haulage road of village and plantation alongside the road so as to minimize the impact of air pollution due to increase traffic on the villagers and /or
- ii) Rs _____ for Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc.

xxv) Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.

3.0 Other important details;

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.
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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.	
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.	
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.	
v)	Is there a cluster formation (Y/N); Include KML file indicating distance from the closest cluster(s) indicating different colors	
vi)	An undertaking to be submit to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares or An undertaking submitted to the effect that no	

	Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site	
vii)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	
viii)	In case of semi- mechanized method allowed, Justification for the same must be given indicating its benefits over the manual method.	

(b) For B1 Category

i.	Baseline Environmental Details must be added such as Air Quality, Water (Surface +Ground) Environment, Soil and Biological Environment, Socio Economic Environment, Risk Studies & Disaster Management Comments may be given .
ii.	Comments on the compliance of TOR issued to the Project Proponent. At-least Important/ additional TORs should be considered by SEAC.
iii.	Public Consultation a. Public consultation conducted on b. Presided over by the and attended bypersons

c. Publicity through local newspapers/media i.e.

..... on dated was given 30 days in advance of the date.

d. The project proponent has given commitment to fulfil the environmental and social responsibility for development of community of nearby villages.

SR No.	Issues raised by the Public	Point Represented	Commitment of the Project Proponent along with budget and timelines
1	Mr X.....		
2	Mr. Y		
