

Proceedings of 264th meeting of State Expert Appraisal Committee (SEAC) held on 23.10.2023 at 11:00 AM in the Conference Hall no. 2, MGSIPA Complex, Sector-26, Chandigarh.

Following were present:

Sr. No.	Name of SEAC Member	Designation in SEAC
1.	Er. Yogesh Gupta	Chairman
2.	Sh. Pardeep Garg	Member Secretary
3.	Sh. K.L Malhotra	Member
4.	Sh. Anil Kumar Gupta	Member (Through VC)
5.	Sh. Sunil Mittal	Member
6.	Sh. Satish Kumar Gupta	Member (Through VC)
7.	Sh. Pawan Krishan	Member (Through VC)
8.	Sh. Parminder Singh Bhogal	Member
9.	Sh. Preet Mohinder Singh Bedi	Member (Through VC)

Table Item No.01: Posting of AEE appointment by SEIAA through outsourced agency M/s Gretis India Pvt Ltd.

Deliberations of 262nd meeting of SEAC held on 05.10.2023

The Committee was apprised as under:

- (i) SEIAA vide letter no. SEIAA/MS/2023/1083 dated 17.08.2023 conveyed the decision taken in the 256th meeting of SEIAA held on 25.07.2023, wherein it has been mentioned that Sh. Jashandeep Singh, Assistant Environmental Engineer (AEE) and Sh. Sachin Kumar, Junior Environmental Engineer would work in SEAC.
- (ii) In compliance to above, Sh. Jashandeep Singh, AEE and Sh. Sachin Kumar, JEE joined & started working in the SEAC division from 01.08.2023 onwards.
- (iii) SEIAA vide letter no. SEIAA/2023/1560 dated 27.09.2023 addressed to Member Secretary SEAC informed that in compliance with the decisions taken the 260th meeting of SEIAA held on 12.09.2023, the posting of newly appointment Assistant Environmental Engineer is done as under:

Sr. No.	Name of AEE	Place of Posting
1.	Sh. Jashandeep Singh	SEIAA, Punjab
2.	Sh. Karanveer Singh Chadda	SEAC, Punjab

- (iv) The Committee was informed that Sh. Jashandeep Singh, AEE was exclusively looking after the processing of ToR/EC/amendment/modification of applications related to mining of minor minerals. Further, the SEAC is receiving around 25 applications in a week related to mining. The scrutiny of these applications is required to be carried out as per the checklist approved by SEIAA in its 184th meeting. The scrutiny of the mining applications is quite an exhaustive exercise involving 25-30 documents relating to checking of Khasra No's. of the application proposal with the (a) approved DSR & with the report of Sub-Divisional Committee (b) checking the consent/NOC of land owners (c) Jamabandi of the Village (d) checking the details of application proposal with the approved mining plan (e) coordinates of the proposed mining site with the site approved in the DSR (f) KML file (g) checking of cluster formation along with other documents such as Environment Management Plan, Additional Environmental Activities etc. After the completion of scrutiny, agenda of the respective application is to be prepared for considering the application in the SEAC meeting and preparation of proceedings of the meeting. The work also involves lot of coordination with the Department of Mines & Geology, Govt. of Punjab and with the Environmental Consultant.
- (v) The Committee was further apprised that till date, more than 100 applications of ToR have been processed by SEAC division which have been processed well in time as stipulated by the Ministry of Environment Forest & Climate Change, Govt. of India with the active involvement of the support staff of SEAC.
- (vi) It was also informed that the work load of SEAC Division has been increased manifold with the time with increase in receipt of number of mining applications related to grant of ToR and EC. The strength of support staff SEAC is already inadequate to handle the present work load.

- (vii) Sh. Jashandeep Singh working in SEAC division since 01.08.2023 has been trained for the scrutiny of mining cases in the last two months and has gained reasonable experience. As such his transfer to SEIAA Division would affect the working of SEAC Division.

After detailed deliberations, the Committee decided that SEIAA may be asked to reconsider their office orders dated 27.09.2023 regarding transfer of Sh. Jashandeep Singh, AEE to SEIAA division in the interest of work. Further, keeping in view the work load of SEAC Division, SEIAA may also be requested to depute one steno typist for the efficient disposal of work.

The above said decision was conveyed to SEIAA by Member Secretary, SEAC vide letter No. SEAC/MS/2023/1717 dated 10.10.2023.

Deliberation during 264th meeting of SEIAA held on 12.10.2023

The proceedings of SEAC conveyed vide letter No. SEAC/MS/2023/1717 dated 10.10.2023 was considered in the 264th meeting of SEIAA held on 12.10.2023. After deliberations, SEIAA vide letter No. SEIAA/MS/2023/1824 dated 18.10.2023 addressed to Member Secretary, SEAC, informed as under:

SEIAA has informed that the work related to the issuance of ToR to the mining projects as well as other following important work are being looked after by the SEIAA independently:

- i. Work related to joint meeting of SEIAA/SEAC.
- ii. Work related to the Court cases pending before various court.
- iii. Work related to the clarification with respect to the EIA Notification 14.09.2006 as amended from time to time.
- iv. Work related to the inspection Committee constituted by the Hon'ble NGT.
- v. Work related to the Hon'ble NGT where special Committee constituted to examine the matter.
- vi. Work related to all the Govt references.
- vii. Work related to the transfer cases of EC.
- viii. Work related to other policy matters.
- ix. Work related to the RTI applications under RTI Act, 2005.
- x. Work related to the issuance of Terms of Reference in case of mining project except violation cases.
- xi. Work related to processing online application received through Parivesh Portal.

After detailed discussions, it was decided that since the work related to the issuance of ToR to the mining projects as well as other important work as mentioned above are being looked after by the SEIAA, no amendment is required to be made in office order No. 1558 dated 27.09.2023 regarding the posting of AEE appointed by SEIAA. Further, it was decided that in order to strengthen the SEAC following additional steps are taken:

- Sh. Jaswinder Singh, Sub-Divisional Engineer, Head Office, Mining Branch, Chandigarh have been asked to work with both SEIAA & SEAC.
- M/s Gretis India Pvt Ltd has been written vide this office letter No. 1814 dated 18.10.2023 to send panel of three persons for deputing one Steno-Typist in the SEAC.

Deliberation during 264th meeting of SEAC held on 23.10.2023

The above said letter of SEIAA (SEIAA/MS/2023/1824 dated 18.10.2023) was considered in the 264th meeting of SEAC held on 23.10.2023.

The Committee after deliberations was of the view that the difficulties being faced by SEAC has not been addressed by SEIAA and decided that SEIAA may again requested to consider the proposal already conveyed by SEAC vide letter No. SEAC/MS/2023/1717 dated 10.10.2023 in the interest of work.

Item No. 264.01: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Nazamwala 1,2 & 3 at Village Nazamwala, Tehsil- Zira, District- Ferozpur, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar. (Proposal No SIA/PB/MIN/444978/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource 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 at Village Nazamwala, Tehsil- Zira, District- Ferozpur, Punjab (Agriculture site). The proposed site is a Public mining site (PMS).

The Department has deposited requisite fee of Rs. 6180/- dated 22-09-2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P./Nazamwala 1,2,3/2428 dated 18.09.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Manjot Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India (Through VC).

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

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/444978/2023 Date of Submission: 22/09/2023
2.	Project Name & Location	Nazmawala 1,2,3 Sand Mining Project Village: Nazmawala Tehsil: Zira, District: Ferozpur, State: Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Office Of Executive Engineer/Ferozpur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozpur 8146687777

4	Name of Environmental Consultant , Mobile no. & Email Id	Grass Roots Research and Creation (P) Ltd. 0120-4044630			
5	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease	Area: 3.09 Ha Quantity:41355 MT			
i)	Mineral (s) to be mined	1) Sand			
ii)	Method of mining	Manual			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/ Choe to be specified.	Agricultural Land (PMS)			
	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
	b. Area of the Mine as per EC application/DSR/Mining plan	Mine Capacity in MT	41355	103974.75	41355
	c. c. Depth of mining as per EC application/DSR/Mining plan	Mine Capacity in TPA	20527 TPA- 1 st Year 20828 TPA- 2 nd Year	NA	NA
		Mining Area of mining in HA	3.09	3.75	3.09
		Depth of Mining in m	3.0	2.70, Nazamwala1 2.81, Nazamwala2 2.91Nazamwala3	3.0
v)	Details Letter of Intent (LOI)/E- Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA, Punjab Reference No: SEIAA/MS/2023/630 Date of Issue: 18/04/2023 Safe distance from banks (m): 50m Annual rate of replenishment as per the study conducted: Study to be conducted			

8	HadBast No.	25		
9	Land Khasra No. & their consent details			
	Sr No	Type	Khasra No	Whether consent from the land owners submitted.
	2	Private Land	33//1(4-4),2(8-0),7/1(2-12), 27//18(4-0),22(4-0),23(8-0), 33//7/2 (2-0), 8(5-0), 22//23/4 (4-7), 24/2(4-2),27//4(2-17),3/2/(5-6)	Submitted
10	Latitude & Longitude			
		Pillar No.	Latitude	Longitude
		Block-I		
		A.	31° 3'23.20"N	74°42'51.18"E
		B.	31° 3'23.24"N	74°42'56.68"E
		C.	31° 3'25.31"N	74°42'56.59"E
		D.	31° 3'25.22"N	74°42'53.78"E
		Block-II		
		A.	31° 3'25.38"N	74°42'54.00"E
		B.	31° 3'29.26"N	74°42'59.34"E
		C.	31° 3'27.23"N	74°42'59.23"E
		D.	31° 3'27.24"N	74°43'2.38"E
		E.	31° 3'25.43"N	74°43'2.35"E
		F.	31° 3'23.33"N	74°42'59.34"E
		G.	31° 3'21.69"N	74°42'59.23"E
		H.	31° 3'21.58"N	74°42'56.89"E
		I.	31° 3'23.24"N	74°42'56.81"E
		Block-III		
		A.	31° 3'31.24"N	74°42'50.26"E
		B.	31° 3'30.92"N	74°42'54.36"E
		C.	31° 3'30.31"N	74°42'54.37"E
		D.	31° 3'29.21"N	74°42'51.89"E
		E.	31° 3'29.28"N	74°42'50.32"E

11	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	No									
12	Does the project fall of eco-sensitive area/ National Park/Wild Life Sanctuary? If yes, application submitted to NBWL.	No									
13	Cost of the project	Rs.86.12 Lakhs									
14	Environmental Clearance. Fee details	Rs6180/- Vide Ref No-N265232652346604 dated 22/09/2023									
15	Certificate to be provided by DMO that the proposal is as per the annexure-V of DSR.	A copy of the Letter issue by DFO Ferozpur wide no 5762 dated 12/12/2022 has been submitted, whereas it has been mentioned that department has no objection for carrying out mining at proposed mining site.									
16	Demarcation report of mining site	Date of demarcation: Nos of Burjis made: <u>18</u> Nos Photographs are not submitted: No Signed by : Kanugo Santokh Singh									
17	Workers (when fully operational)	18 Persons.									
18	Water Requirements & source	1.85 KLD Through Water tankers									
19	Waste water generation, Treatment & its Disposal	NIL									
20	Green Belt Development Plan including no. of trees to be planted & its species.	No of plant to be planted: 155Nos Funds Allocated: Rs 1.55 lacs towards capital cost and Rs 0.75 Lacs towards recurring cost. (Rs 1000/- per tree as capital cost and Rs 1000/- per tree as maintenance cost)									
21	Whether any High Transmission wires is passing over the proposed mining site (Yes/No)	No									
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.									
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Total cost to be incurred (In Rs)</th> <th>Recurring Cost (Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>1,50,000</td> <td>50,000</td> </tr> </tbody> </table>			Sr. No	Environment mitigation measure	Total cost to be incurred (In Rs)	Recurring Cost (Rs)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	1,50,000	50,000
Sr. No	Environment mitigation measure	Total cost to be incurred (In Rs)	Recurring Cost (Rs)								
1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	1,50,000	50,000								

	2	Plantation and maintenance of 155 saplings through State Forest Department under Green Punjab Mission: Plantation cost 3.09 Ha X 50 saplings/Ha=155 sapling @ Rs. 1000 per sapling	1,55,000	75,000
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	30,000	7,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (Awareness camps at Schools)	21,000	-
	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.).	30,000	7,000
	Total		4,61,000	1,59,000
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility DMO will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 41355 MT, the project proponent has proposed to spent Rs 0.21 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities.			
25	An undertaking submitted by DMO, Ferozepur submitted, which contain following facts: i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) Nazamwala site 1, 2 & 3 lies in area less than 500 m so cluster is formed.			

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. As per the said KML file, the proposed area of mining site measuring 3.09 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Committee further observed that the Project Proponent has not submitted photographs of demarcation done at proposed mining site. The Project Proponent submitted the photographs of the mining site demarcated with flags.

The Committee asked the Project Proponent to submit an undertaking that NOC for land bearing khasra No. of mining area is as per the proposal and has been duly received from concerned land

owners, demarcated on site and are in consonance with the latest revenue record of the Village. The Project Proponent submitted the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.09 Ha for the quantity of 41355 TPA, which shall not exceed the quantity of 103974.75 MT as per the approved DSR at Village Nazamwala, Tehsil Zira, District Ferozepur, subject to the conditions attached as **Annexure-1**.

Item No. 264.02: Application for Environmental Clearance for carrying out mining of minor minerals for mining site at Village Balarwal, Tehsil Batala, District Gurdaspur by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur. (Proposal No SIA/PB/MIN/446727/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur 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 Village Balarwal, Tehsil Batala, District Gurdaspur, Punjab (Agriculture site). The proposed site is a public mining site (PMS).

The Department has deposited requisite fee of Rs. 7360/- vide NEFT No. N27832672045713 dated 05.10.2023 and Rs. 2240/- dated 12.10.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P./Balarwal/1890 dated 06.07.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Amit Kumar Luna, SDO, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd (Through VC).

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

Sr. No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446727/2023
2.	Project Name & Location	Balarwal Sand Mine over an extent of 4.8Ha. (Lease Code: PB_GDP_BEAS - 06) Village: Balarwal, Tehsil: Batala, District: Gurdaspur, State: Punjab
3	Name of the Applicant, Designation	Dilpreet Singh, Executive Engineer- cum- District Mining Officer

	Mobile no. & Email Id	Gurdaspur, Punjab 9646700766, dilpreet.singh67@punjab.gov.in			
4	Name of Environmental Consultant, Mobile no. Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in			
5	Project / activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
i)	Mineral (s) to be mined	Sand			
ii)	Method of mining	Manual Method			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
iv)	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	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	78,346.46	411531.83	78,346.46
		Mine Capacity in TPA	39173.23	-	39173.23
		Mining Area on mining in HA	4.80	19.33	4.80
		Depth of Mining in m	2.59	2.59	2.59
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 624 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			
8	HadBast No.	5			
9	Land Khasra No. & their consent details				
	Sr.No	Type	Khasra No	Consent details provided (Yes/No)	

	1	Private Land	53//14, 15, 16, 17/1, 24, 54//11/1, 11/2,19/2, 54//20, 21, 22 (as per proposal)	Yes, Saranjit Singh S/o. S Hardit Singh,
10	Latitude & Longitude			
		S.No.	Latitude	Longitude
		A	31°37'43.10"N	75°25'9.57"E
		B	31°37'48.21"N	75°25'18.04"E
		C	31°37'43.27"N	75°25'21.87"E
		D	31°37'38.31"N	75°25'13.54"E
11	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	As per the Sub-Divisional Level Committee, Batala report no forest land is involved however it has been mentioned that the said mining site fall in Beas River which has been declared as a Conservation Reserve by Government of Punjab.		
12	Does the project fall of eco-sensitive area/ National Park/Wild Life Sanctuary? If yes, application submitted to NBWL.	As per the Sub-Divisional Level Committee report, the said mining site fall in Beas River which has been declared a Conservation Reserve by Punjab Government Notification No. 34/3/2017 FT-5/1052756/1 dated 29.08.2017. All sand bars fall in the flow of Beas River which are habituated for Gharials (Critically Endangered, IUCN Status) and Dolphins. So, mining cannot be allowed without the prior permission of National Board of Wildlife, India.		
13	Cost of the project (Rs. Cr.)	1.08		
14	Environmental Clearance. Fee details	Rs.7360 Vide NEFT No. N278232672045713, Dated 05.10.2023 and Rs. 2240/- dated 12.10.2023		
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Submitted		
16	Demarcation report of mining site	Date of demarcation: 23.10.2020		
17	Workers (when fully operational)	27 Persons.		
18	Water Requirements & source	Domestic: 1.20 KLD Dust Suppression: 0.5 KLD Greenbelt: 0.9 Total: 2.60KLD Ground water		
19	Waste water generation, Treatment & its Disposal	Quantity of Waste water: 0.96 KLD Generated waste water will be treated in septic tank followed by soak pit.		

20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 184Nos. Funds Allocated (Rs.): 1.84 lacs towards capital cost and 0.18 Lacs towards recurring cost.																																				
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No																																				
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.																																				
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Rs.)</th> <th>Recurring Cost (Rs./annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>10,000</td> <td>5,000</td> </tr> <tr> <td>2</td> <td>Plantation and maintenance of 184 saplings through State Forest Department under Green Punjab Mission: Plantation cost 4.8Ha. X 50 saplings/Ha=184 saplings @ Rs.1000 per sapling.</td> <td>1,84,000</td> <td>18,400</td> </tr> <tr> <td>3</td> <td>Drinking water facility, Septic Tank & Mobile toilets and solid waste management</td> <td>20,000</td> <td>5,000</td> </tr> <tr> <td>4</td> <td>Safety equipment's such as gloves, mask, helmet, First aid kit etc.</td> <td>10,000</td> <td>4,000</td> </tr> <tr> <td>5</td> <td>Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*9396*2)</td> <td>39,173</td> <td>-</td> </tr> <tr> <td>6</td> <td>Regular health check-up camps for the workers engaged in mines shall be organized.</td> <td>10,000</td> <td>10,000</td> </tr> <tr> <td>7</td> <td>Environmental Monitoring (Air, Water Soil etc.)</td> <td></td> <td>30,000</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td>2,73,173</td> <td>72,400</td> </tr> </tbody> </table>	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000	2	Plantation and maintenance of 184 saplings through State Forest Department under Green Punjab Mission: Plantation cost 4.8Ha. X 50 saplings/Ha=184 saplings @ Rs.1000 per sapling.	1,84,000	18,400	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*9396*2)	39,173	-	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.)		30,000	Total		2,73,173	72,400	
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5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*9396*2)	39,173	-																																			
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.)		30,000																																			
Total		2,73,173	72,400																																			
24	<p>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</p> <p>i) Executive Engineer/Gurdaspur Drainage-cum-Mining and Geology Division, Gurdaspur will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 78,346.46 MT. The project proponent has proposed to spend Rs 0.39 Lakhs (i.e@ Rs.0.50 per Ton) for AEA activities.</p>																																					
25	An undertaking submitted by DMO, Gurdaspur submitted, which contain following facts:																																					

	<ul style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.59m or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) 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.
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On perusal of the Sub-Divisional Level Committee report, Batala, the Committee observed as under:

- (i) No forest land is involved however the said mining site fall in Beas River which has been declared as a Conservation Reserve by Government of Punjab.
- (ii) The mining site fall in Beas River which has been declared a Conservation Reserve by Punjab Government Notification No. 34/3/2017 FT-5/1052756/1 dated 29.08.2017. All sand bars fall in the flow of Beas River which is habituated for Gharials (Critically Endangered, IUCN Status) and Dolphins. So, mining cannot be allowed without the prior permission of National Board of Wildlife, India.

Besides above, the Committee perused the advisory of SEIAA issued vide letter No. SEIAA/MS/2023/759 dated 18.05.2023 addressed to the Secretary, Department of Mines & Geology, Punjab, wherein it has been mentioned as under:

“The mining department should obtain prior permission from NBWL through Chief Wildlife Warden, Department of Forest & Wildlife, Punjab for carrying out any mining operations in Beas River sites being a Conservation Reserve and an international Ramsar site with rare species like Dolphin and Gharial.”

In view of above, the Committee asked the Project Proponent to submit permission from the NBWL through the Chief Wildlife Warden, Punjab. The Project Proponent agreed to submit the same.

After detailed deliberations, SEAC decided to defer the case till receipt of the reply of the below mentioned observations:

- (i) The Project Proponent shall obtain permission from NBWL through Chief Wildlife Warden, Department of Forest & Wildlife, Punjab for carrying out mining operations in proposed mining site being a Conservation Reserve and an international Ramsar site with rare species like Dolphin and Gharial.
- (ii) The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.
- (iii) The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

- (iv) The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.

Item No. 264.03: Application for Environmental Clearance for carrying out mining of minor minerals (sand) by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division at Village-Malewal; Tehsil Distt. Rupnagar (SIA/PB/MIN/421294/2023).

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-Malewal; Tehsil Distt. Rupnagar (SIA/PB/MIN/421294/2023).

The Department has deposited requisite fee of Rs. 9480/-vide reference no. CMS/001161290235 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/Malewal/342 dated 3.2.2023. The approval under FCA or NBWL is not applicable.

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 (MT)	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-Malewal, Tehsil Shri Chamkaur Sahib & District Rupnagar.	4.23	44863.31	4.74	52554	No	Nil	Nil

The Committee perused the application proposals 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.

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 of the mining site as under:

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

i)	Name of Applicant & Correspondence address: Mobile No:EmailID:	Rupinder Singh Pabla XEN/DMO, Drainage-cum-mining and Geology Division, WRD, Punjab, Room No. 145, D.C. Complex, Mini Secretariat, Rupnagar, 9878688998
ii)	Name of Environmental Consultant MobileNo. EmailID	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 md@ecoparyavaran.org
iii)	Online Proposal No.	SIA/PB/MIN/421294/2023
iv)	Project Name & Location	RBM Sand Mining Project Village: Malewal Tehsil- Shri Chamkaur Sahib District- Rupnagar, State 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 are as under:

S.No.	Item	Details
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2
b.	Hadbast No. of the Village	107
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2,107-24//3, 4, 7, 108-53//6, 108-53//4, 5

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
d.1	Area details as per Mining plan and as per DSR	4.74 ha as per proposal and 4.23 ha as per DSR
e.	Longitude & Latitude of the mining site	
	PIT 1	
	Pillar No.	Latitude
	Longitude	
	1	30°57'38.18"N
	2	30°57'37.34"N
	3	30°57'36.45"N
	4	30°57'36.43"N
	5	30°57'34.47"N
	6	30°57'34.41"N
	7	30°57'29.32"N
	8	30°57'30.11"N
	9	30°57'30.53"N
	10	30°57'30.53"N
	11	30°57'31.66"N
	12	30°57'33.08"N
	PIT-II	
	1	30°57'30.35"N
	2	30°57'30.35"N
		76°23'1.82"E
		76°23'4.51"E

		3	30°57'29.48"N	76°23'9.41"E	
		4	30°57'26.82"N	76°23'9.34"E	
		5	30°57'29.24"N	76°23'1.79"E	
f.	Details of cluster formation		No cluster is formed		
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)		Land NOC submitted		
h.	Whether demarcation/erection of boundary pillars on the site has been done.		Demarcation done on 24-12-2022. Copy of demarcation report submitted.		
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be		No forest land is involved. Further, site does not fall in the eco-sensitive zone of wildlife sanctuary and conservation reserves.		
j.	Salient features of approved mining plans		Date of approval-		03-02-2023
k.	Method of mining		Semi-mechanized		
l.	No. of workers on the site when fully operational		28		
m.	Total water requirement for domestic and other usage and its source		Domestic: 1.3 KLD Dust Suppression: 1.4 KLD Total: 2.70 KLD		
n.	Waste water generation and its disposal		Approx. 1.04 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/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.		20 Tractor trollies per day Transportation route map submitted.		

p.	Activities to be undertaken under EMP along with its cost.	S. No.	Description	Total Cost to be Incurred (in Rs)
		1	Water Sprinkling Measures	50,000
		2	Haul Road and other Roads Repair	50,000
		3	Greenbelt Development (with tree guards)	63,500
		4	CER/CSR	2,36,500
			TOTAL	4,00,000
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		

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees would be felled during mining activity
ii)	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	Distance from nearest habitation is 1Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges	Distance from Minor Bridge 6.27 towards South East Distance from Major Bridge 10.86 km towards north east.

	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.	Distance from the nearest mining site ADB Rail 6.83 Km towards North-east.															
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. 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>S. No.</th> <th>Proposed Activities</th> <th>Capital Cost (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Environmental Awareness Programmes</td> <td>1,00,000</td> </tr> <tr> <td>2</td> <td>Solar lights installation in village-Aalawal (15 No.)</td> <td>80,000</td> </tr> <tr> <td>3</td> <td>Construction of RWH pit at Government Primary School, Aalawal</td> <td>56,500</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>2,36,500</td> </tr> </tbody> </table>	S. No.	Proposed Activities	Capital Cost (in Rs.)	1	Environmental Awareness Programmes	1,00,000	2	Solar lights installation in village-Aalawal (15 No.)	80,000	3	Construction of RWH pit at Government Primary School, Aalawal	56,500	Total		2,36,500
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		3	Construction of RWH pit at Government Primary School, Aalawal	56,500													
Total		2,36,500															

After detailed deliberations, SEAC decided to defer the case till the reply of the below mentioned observations.

- (i) The Department shall submit the copy of the NOC (Affidavit) of the land, duly attested by the Notary Public.
- (ii) The Department shall submit the revised details of the land area bearing khasra no. for the proposed mining site.
- (iii) The Department shall submit the revised EMP by including 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.

- (iv) The Department shall submit the details of the length of metalled & unmetalled (katcha) road along with their width, proposed to be used for transporting the excavated material from the mining site.
- (v) The Department shall submit the photographs of the site duly indicating demarcation with boundary pillars and submit DGPS Map showing the coordinates of each corner of the site.

Deliberations during 252nd meeting of SEAC held on 17.07.2023.

The meeting was attended by the following:

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

The Committee allowed the Department & Environmental Consultant to present the reply of the aforementioned observations. Thereafter, the Environmental Consultant presented the reply as under:

Sr. No	Observation	Reply							
1.	The Department shall submit the copy of the NOC (Affidavit) of the land, duly attested by the Notary Public.	Submitted.							
2.	The Department shall submit the revised details of the land area bearing khasra no. for the proposed mining site	<table border="1" data-bbox="300 1525 1385 1814"> <thead> <tr> <th data-bbox="300 1525 711 1615">Khasra No.</th> <th data-bbox="711 1525 954 1615">Area as per DSR</th> <th data-bbox="954 1525 1385 1615">Area as per mining plan (Ha.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1615 711 1814">107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2, 107-24//3, 4, 7, 10853//6, 108-53//4, 5</td> <td data-bbox="711 1615 954 1814">10.83</td> <td data-bbox="954 1615 1385 1814">4.74</td> </tr> </tbody> </table>		Khasra No.	Area as per DSR	Area as per mining plan (Ha.)	107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2, 107-24//3, 4, 7, 10853//6, 108-53//4, 5	10.83	4.74
Khasra No.	Area as per DSR	Area as per mining plan (Ha.)							
107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2, 107-24//3, 4, 7, 10853//6, 108-53//4, 5	10.83	4.74							
3.									

<p>The Department shall submit the revised EMP by including 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.</p>		
S. No	Description	Total Cost to be Incurred (in Rs)
1.	Water Sprinkling Measures to be done on haul road to suppress dust including Haul Road and other Roads Repair	4,00,000
2.	Septic tank & Mobile toilets and Solid Waste	65,000
3.	Greenbelt Development (with tree guards) (Plantation cost 4.74 Ha x 50 saplings/Ha= 237 saplings @ Rs.1000 per sapling)	2,37,000
4.	Management Safety shoes/ Masks/ Earplugs/ First Aid Kit etc	20,000
5.	Additional Environmental Responsibilities (Rs. 1.5 per MT of Total quantity= 157662*1.5)	2,36,500
	TOTAL	9,58,500
4	The Department shall submit the details of the length of metalled & unmetalled (katcha) road along with their width, proposed to be used for transporting the excavated material from the mining site.	Submitted.
5	The Department shall submit the photographs of the site duly indicating demarcation with boundary pillars and	Submitted.

	submit DGPS Map showing the coordinates of each corner of the site.	
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The Committee observed that the amended DSR of District Rupnagar has been submitted by the Department to SEIAA and the same is recommended by the SEAC for approval. Therefore, the case cannot be decided in absence of the approved DSR of District Rupnagar.

After detailed deliberations, SEAC decided to defer the case till the Department submitted the approved & amended DSR of District Rupnagar.

The Project Proponent has submitted reply of the aforementioned observation raised by SEAC in its 252nd meeting of SEAC held on 17.04.2023.

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Mr. Sukhpal Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar.
- (iii) Ms. Harman Kaur, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

During meeting, the Committee observed that the details of the proposed mining site w.r.t mining area of 4.74 Ha are not matching with the details mentioned in the approved DSR of District Roopnagar. The Project Proponent could not clarify the queries raised by the Committee. After detailed deliberations, SEAC decided to defer the case till the reply of the below mentioned observations:

- i) The Project Proponent shall match the details of proposed mining site with the approved DSR.
- ii) The Project Proponent shall submit the layout plan by superimposing the proposed mining area with the area approved in the DSR in different colors.
- iii) The Project Proponent shall provide the details in the proforma as prescribed by SEIAA.
- iv) The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Mr. Navneet Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar.
- (iii) Ms. Harman Kaur, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

The Committee allowed the Environmental Consultant to present the reply of the aforementioned observations. Thereafter, the Environmental Consultant presented the reply as under:

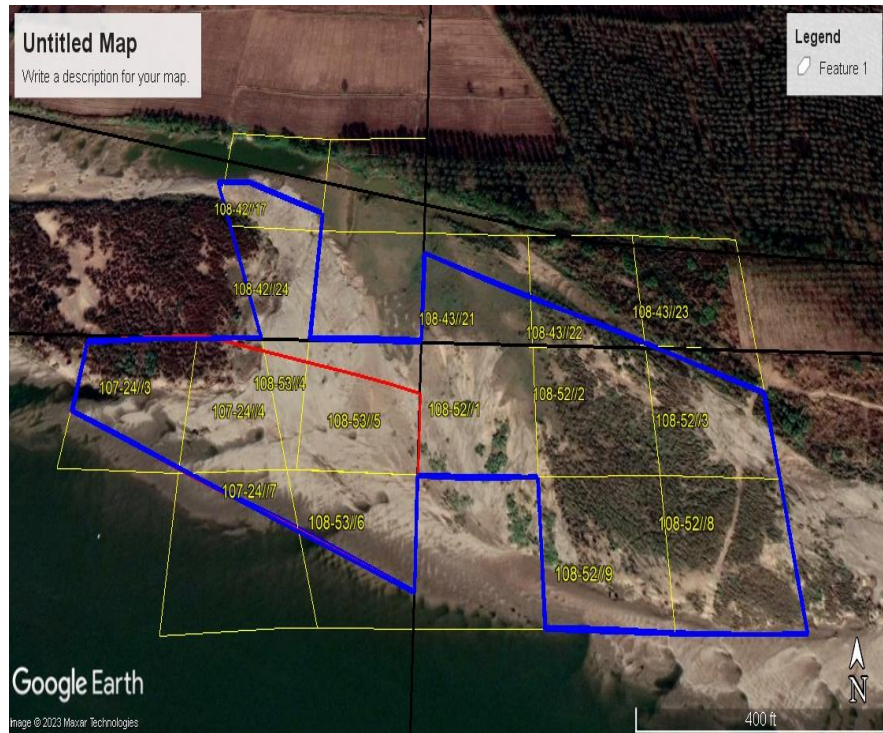
Sr · n o	Observation	Reply
1	The Project Proponent shall match the details of proposed mining site with the approved DSR.	The Project Proponent has submitted snapshot of the mining area of the proposed site in the approved DSR. As per the Annexure-V of the approved DSR, the proposed mining site falls at Serial No. 3 and Serial No. 33 making total area of 15.06 Ha

2 The Project Proponent shall submit the layout plan by superimposing the proposed mining area with the area approved in the DSR in different colors

ENCLOSURE-2



PIT-1



PIT-II

- RED LINE (Area 1.27 Ha) – PROPOSED AREA AS PER MINING PLAN
- BLUE LINE (Area 3.47 Ha) –AS PER DSR

The area of the proposed mining site (4.74 Ha) falls within the area approved in the DSR (15.06 Ha).

3 The Project Proponent shall provide the details in

Submitted.

	the proforma as prescribed by SEIAA.	
4	The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.	Submitted.

Further, in compliance to observation at point no. 3, the Department has submitted the details of the case in the format prescribed by SEIAA as under:

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/421294/2023
2.	Project Name & Location	RBM Sand Mining Project Village: Malewal Tehsil- Shri Chamkaur Sahib District- Rupnagar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Rupinder Singh Pabla XEN/DMO, Drainage-um-mining and Geology Division, WRD, Punjab, Room No. 145, D.C. Complex, Mini Secretariat, Rupnagar,

		9878688998 rupinder.p@punjab.gov.in			
4	Name of Environmental Consultant, Mobile no. & Email Id	Eco Paryavaran Laboratories & Consultants Pvt. Ltd.9814003103, 0172461622, md@ecoparyavaran.org			
5	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease	Public Mining site			
i)	Mineral (s) to be mined	1) Sand			
ii)	Method of mining	Manual			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/ Choe to be specified.	River Bed Mining site			
iv)	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	157662	290984.4	157662
	b. Area of the Mine as per EC application/DSR/Mining plan	Mine Capacity in TPA	52554	----	52554
		Mining Area on mining in HA	4.74 Ha	15.06	4.74 Ha
	c. Depth of mining as per EC application/DSR/Mining plan	Depth of Mining in m	1.65 m	1.65 m	1.65 m
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR			
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by: - SEIAA			

		Reference No.: SEIAA/MS/2023/1086 Date of Issue: - 17/08/2023 Mining Lease Area: 4.74 Mining Quantity: 52554 TPA of sand Mining Depth: 1.65 m Annual rate of replenishment as per the study conducted: -																																									
8	HadBast No.	107-108																																									
9	Land Khasra No. & their consent details																																										
	Sr No	Type	Khasra No	Consent details provided (Yes/No)																																							
	1	Govt Land																																									
	2	Private Land	107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2,107-24//3, 4, 7, 108-53//6, 108-53//4, 5	yes																																							
10	Latitude & Longitude																																										
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		12	30°57'33.08"N	76°22'40.93"E	
		PIT-II			
		1	30°57'30.35"N	76°23'1.82"E	
		2	30°57'30.35"N	76°23'4.51"E	
		3	30°57'29.48"N	76°23'9.41"E	
		4	30°57'26.82"N	76°23'9.34"E	
		5	30°57'29.24"N	76°23'1.79"E	
11	Whether the project attracts the General Condition. (Yes/No). In case of Yes, Please specified the reason.	No			
12	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	No			
13	Does the project fall of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, application submitted to NBWL.	No			
14	Cost of the project	Rs. 2,20,72,680/-			
15	Environmental Clearance. Fee details	Rs. 9880/- vide reference no. N0202304610646 dated 27.01.2023			
16	Certificate to be provided by DMO, that the proposal is as per the Annexure-V of DSR.	Certificate No: Not Attached Date:17/11/2022			
17	Demarcation report of mining site	Date of demarcation: Nos of Burjis made: 0 Nos Photgraphs submitted: No Signed by: 1) Name and Designation: Mining will start only after erection of geo-tagged Pucca pillars			
18	Workers (when fully operational)	06 Persons.			

19	Water Requirements & source	Domestic: 1.3 KLD Dust Suppression: 1.4 KLD Total: 2.70 KLD Ground water/Others: 01 Borwell										
20	Waste water generation, Treatment & its Disposal	i) Quantity of Waste water: 1.04 KLD (80% of water requirement) ii) Treatment Method: Septic Tank iii) Mode of Disposal: a) Plantation purpose.: 1.04 KLD b) Any other purpose: 0 KLD										
21	Solid waste generation and its disposal	i) Quantity: 5.6 Kg ii) Method of Disposal: Dustbins Solid waste will be disposed as per Solid Waste Management Rules, 2016.										
22	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any): 0 Nos No of plant to be planted: 250 Nos Funds Allocated: Rs 2.50 lacs towards capital cost and Rs 1.0 Lacs towards recurring cost. (Rs 1000/- per tree as capital cost and Rs 1000/- per tree as maintenance cost)										
23	Rain Water Harvesting & recharging proposal	Not applicable										
24	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO Rupnagar, will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.										
25	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Lacs)</th> <th>Recurring Cost (Lacs/annum)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				Sr. No	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)				
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	1,00,000	50,000
	2	Plantation and maintenance of 171 saplings through State Forest Department under Green Punjab Mission: Plantation cost 4.74 Ha x 50 saplings/Ha= saplings @ Rs.1000 per sapling.	2,37,000	0
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	19,000	7,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity 157662*0.5) (The amount may be deposited to Forest Department for utilization of the same for development of greenarea(s)/belt(s))	78,831	0
	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.).	50,000	20,000
	Total		5,59,831	97,000
26	<p>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</p> <p>XEN/DMO, Rupnagar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 157662 MT, The project proponent has proposed to spent Rs 78,831/- (i.e @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p>			
27	<p>An undertaking pertaining to the following facts submitted:</p> <p>i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up.</p> <p>ii) During the lease period, the deposit will be worked from the top surface to 1.65m or above ground water table, whichever comes first.</p>			

	<ul style="list-style-type: none"> <li data-bbox="304 145 1407 219">iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. <li data-bbox="304 241 1407 315">iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. <li data-bbox="304 338 1407 412">v) In case of semi mechanized method allowed, Justification for the same must be given indicating its benefits over the manual method. <li data-bbox="304 434 1407 551">vi) 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
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The Committee perused the reply of the observations raised by SEAC and was satisfied with same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 4.74 Ha for the quantity of 52554 TPA, which shall not exceed the quantity of 179578 MT as per the approved DSR at Village Malewal, Tehsil & District Rupnagar, subject to the conditions attached as **Annexure-2**.

Item No. 264.04: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Toor Sand mining Project at Village Toor, Tehsil- Dinanagar, District- Gurdaspur, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur. (Proposal No SIA/PB/MIN/446711/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur 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 Village Toor, Tehsil- Dinanagar, District- Gurdaspur, Punjab (Agriculture site). The proposed site is a Public mining site (PMS).

The Department has deposited requisite fee of Rs. 4480/- dated 05-10-2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P/Toor/2059 dated 09.08.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd (Through VC).

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

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446711/2023
2.	Project Name & Location	Toor Sand Mining Project over an extent of 2.24 hect Toor Village, Dinanagar Tehsil, Gurdaspur District, Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Dilpreet Singh Executive Engineer- cum- District Mining Officer Gurdaspur, Punjab 9646700766, dilpreet.singh67@punjab.gov.in
4	Name of Environmental Consultant,	Right Source Industrial Solutions Pvt. Ltd 8977495343

	Mobile no. & Email Id	eiaemp@rightsource.co.in			
5	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
i)	Mineral (s) to be mined	Sand			
ii)	Method of mining	Manual Method			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS S.No.03: PB_GDP_RAVI_04			
iv)	d. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	49,056	2,89,299	49,056
	e. Area of the Mine as per EC application/DSR/Mining plan	Mine Capacity in TPA	24,528	-	24,528
		Mining Area on mining in HA	2.24	13.21	2.24
	f. Depth of mining as per EC application/DSR/Mining plan	Depth of Mining in m	2.50	2.50	2.50
		1. As per Annexure-V of the approved DSR, the proposed mining site is mentioned at Page No. 126, Sr. No. 03 under code name (PB_GDP_RAVI_04). The cluster situation is formed. However, as per undertaking submitted by the Department no cluster is formed. Needs to be clarified.			
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 624 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			
8	HadBast No.	8			

9	Land Khasra No. & their consent details			
	Sr. No	Type	Khasra No.	Consent details provided (Yes/No)
	1	Private Land	27//21(8-13), 27//22/1 (2-3), 31//10(8-0), 32//5/2 (3-0), 32//6/1 (3-0) (as per proposal)	Yes, As per Consent: Balbir Kaur & Veena Sharma As per DSR: Balbir Kaur W/O Satnam Singh
	Undertaking in the prescribed format by the DMO, Gurdaspur not submitted.			
10	Latitude & Longitude			
	S.No.	Corner	Latitude	Longitude
	1.	A	32°11'38.79"N	75°20'55.09"E
	2.	B	32°11'38.19"N	75°20'57.62"E
	3.	C	32°11'37.19"N	75°21'0.23"E
	4.	D	32°11'34.85"N	75°21'0.20"E
	5.	E	32°11'34.75"N	75°20'57.62"E
	6.	F	32°11'32.87"N	75°20'57.59"E
	7.	G	32°11'32.90"N	75°20'53.78"E
	8.	H	32°11'36.76"N	75°20'53.75"E
	9.	I	32°11'36.80"N	75°20'55.05"E
11	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		As per the certificate given in the approved DSR issued by Divisional Forest Officer, Pathankot wherein it has been mentioned that the proposed potential site Village TooR (PB_GDP_RAVI_05) is not included in following areas. 1. Notified under section 4 and 5 of PLPA Act, 1900. 2. Falling in the Eco-sensitive zones of Wildlife Sanctuary & Conservation Reserves cover under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act, 1959. 3. Falling in any Sanctuary and Conservation Reserve.	
12	Does the project fall of eco-sensitive area/Nationalpark/Wild Life Sanctuary? If yes, application submitted to NBWL.		Mentioned above.	
13	Cost of the project (Rs. lakh)		67.45 Lakh	
14	Environmental Clearance. Fee details		Rs. 4480 Vide NEFT No. N278232671986737, Dated 05.10.2023.	

15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Submitted		
16	Demarcation report of mining site	Date of demarcation: 15.06.2023		
17	Workers (when fully operational)	27 Persons.		
18	Water Requirements & source	Domestic: 1.20KLD Dust Suppression: 0.50 KLD Greenbelt: 0.9 KLD Total: 2.60KLD Ground water		
19	Waste water generation, Treatment & its Disposal	Quantity of Waste water : 0.96KLD Generated waste water will be treated in septic tank followed by soak pit.		
20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 112Nos. Funds Allocated (Rs.): 1.12lacs towards capital cost and 0.112 Lacs towards recurring cost.		
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No		
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.		
23				
	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000
	2	Plantation and maintenance of 112 saplings through State Forest Department under Green Punjab Mission: Plantation cost 2.24Ha x 50 saplings/Ha=112 saplings @ Rs.1000 per sapling.	1,12,000	11200
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000

	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s))	24,528	-
	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.).		30,000
	Total		1,86,528	65,200
24	Executive Engineer/Gurdaspur Drainage-cum-Mining and Geology Division, Gurdaspur will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 49,056 MT. The project proponent has proposed to spend Rs 0.24 Lakhs (i.e@ Rs.0.50 per Ton) for AEA activities.			
25	An undertaking submitted by DMO, Gurdaspur submitted, which contain following facts: <ul style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.50 m or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) 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 			

During meeting, the Committee asked the Environmental Consultant of the Department to present the superimposed KML file of the mining site as per application proposal and approved DSR. However, neither the Environmental Consultant nor the officers of the Department present during the meeting could present the same. The Committee took serious note of it and asked the officers of the Department and Environmental Consultant to present the case with full preparation in future.

The Committee further observed that as per Sub-Divisional Level Committee, Dinanagar report, the proposed site in Village Toor falls under code name PB_GDP_RAVI_05, which does not match with the approved DSR mentioned under code name PB_GDP_RAVI_04. In this regard, the Project Proponent apprised the Committee that the latitude & longitude of the proposed site mentioned in the Sub-Divisional Level Committee report matches with the

latitude & longitude of the proposed site mentioned in the Annexure-V of the approved DSR. The Committee noted the same.

After detailed deliberations, the Committee decided to defer the case till receipt of the reply of the below mentioned observations:

1. As per Annexure-V of the approved DSR, the proposed mining site is mentioned at Page No. 126, Sr. No. 03 under code name (PB_GDP_RAVI_04). The cluster situation is formed. However, as per undertaking submitted by the Department no cluster is formed. The Project Proponent shall clarify in this regard.
2. The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.
3. The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.
4. The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

Item No. 264.05: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Marara Sand mining Project at Village Marara, Tehsil- Dinanagar, District- Gurdaspur, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur Nagar. (Proposal No SIA/PB/MIN/446866/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur 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 Village Marara, Tehsil- Dinanagar, District- Gurdaspur, Punjab (Agriculture site). The proposed site is a Public mining site (PMS).

The Department has deposited requisite fee of Rs. 3200/- dated 05-10-2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M. P/Marara/1724 dated 15.06.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd (Through VC).

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

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446866/2023
2.	Project Name & Location	Marara Sand Mining Project over an extent of 1.60Ha. Village: Marara, Tehsil: Dinanagar, District: Gurdaspur, State: Punjab
3	Name of the Applicant, Designation	Dilpreet Singh, Executive Engineer- cum- District Mining Officer Gurdaspur, Punjab

	Mobile no. & Email Id	9646700766,dilpreet.singh67@punjab.gov.in			
4	Name of Environmental Consultant, Mobile no. Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in			
5	Project / activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
vi)	Mineral (s) to be mined	Sand			
vii)	Method of mining	Manual Method			
viii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
ix)	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	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	--	37,584	--
		Mine Capacity in TPA	18,792	--	18,774
		Mining Area on mining in Ha.	1.60	1.60	1.60
		Depth of Mining in m	2.70	2.70	2.70
x)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 624 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			

8	HadBast No.	2		
9	Land Khasra No. & their consent details			
	Sr.No	Type	Khasra No	Consent details provided (Yes/No)
	1	Private Land	2R/15/1, 3R/10-11/1, 2R/7-12-13-14-19/2/1-19/2/2 (as per proposal)	Yes, Salvinder Kaur
	Undertaking in the prescribed format by the DMO, Gurdaspur not submitted.			
10	Latitude & Longitude			
		S.No.	Latitude	Longitude
		1	32°11'24.57"N	75°23'28.57"E
		2	32°11'24.67"N	75°23'31.07"E
		3	32°11'22.15"N	75°23'31.07"E
		4	32°11'22.15"N	75°23'25.98"E
		5	32°11'21.25"N	75°23'25.94"E
		6	32°11'21.23"N	75°23'21.00"E
		7	32°11'21.01"N	75°23'20.82"E
		8	32°11'21.01"N	75°23'20.03"E
		9	32°11'21.27"N	75°23'19.99"E
		10	32°11'22.17"N	75°23'20.82"E
		11	32°11'22.63"N	75°23'22.11"E
		12	32°11'23.45"N	75°23'23.38"E
		13	32°11'24.30"N	75°23'25.94"E
		14	32°11'23.04"N	75°23'26.02"E
		15	32°11'23.01"N	75°23'28.56"E
11	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	As per the Sub-Divisional Level Committee, Dinanagar report, no forest land is involved in the proposed project site. Further, the Committee has mentioned in its report that at a distance of less than 50 m trees have been planted by the Forest Department. Hence, mining cannot be allowed at this site as it would endanger plantation by Forest Department.		
12	Does the project fall of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, application submitted to NBWL.	Mentioned as above		
13	Cost of the project (Rs. lakh)	51.68 Lakh		

14	Environmental Clearance. Fee details	Rs.3200 Vide NEFT No. N278232672028967, Dated 05.10.2023.												
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Submitted												
16	Demarcation report of mining site	Date of demarcation: 10.03.2023												
17	Workers (when fully operational)	27 Persons.												
18	Water Requirements & source	Domestic: 1.20 KLD Dust Suppression: 0.5 KLD Greenbelt: 0.9 KLD Total: 2.60KLD Ground water												
19	Waste water generation, Treatment & its Disposal	Quantity of Waste water : 0.96KLD Generated waste water will be treated in septic tank followed by soak pit.												
20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 50Nos. Funds Allocated (Rs.): 0.50 lacs towards capital cost and 0.050 Lacs towards recurring cost.												
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No												
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.												
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Rs.)</th> <th>Recurring Cost (Rs./annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>10,000</td> <td>5,000</td> </tr> <tr> <td>2</td> <td>Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.60 Ha x 50 saplings/Ha=50 saplings @ Rs.1000 per sapling.</td> <td>50,000</td> <td>5,000</td> </tr> </tbody> </table>	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000	2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.60 Ha x 50 saplings/Ha=50 saplings @ Rs.1000 per sapling.	50,000	5,000	
Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)											
1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000											
2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.60 Ha x 50 saplings/Ha=50 saplings @ Rs.1000 per sapling.	50,000	5,000											

	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*9396*2)	18,792	-
	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.).		30,000
	Total		1,18,792	59,000
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility Executive Engineer/Gurdaspur Drainage-cum-Mining and Geology Division, Gurdaspur will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 37,584 MT. The project proponent has proposed to spend Rs 0.19 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities.			
25	An undertaking to the effect has been submitted by DMO, Gurdaspur: i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.7 m or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) 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			

During meeting, the Committee asked the Environmental Consultant of the Department to present the superimposed KML file of the mining site as per application proposal and approved DSR. However, neither the Environmental Consultant nor the officers of the Department present during the meeting could present the same. The Committee took serious note of it and asked the officers of the Department and Environmental Consultant to present the case with full preparation in future.

The Committee further perused the Sub-Divisional Level Committee, Dinanagar report, wherein it has been mentioned that no forest land is involved in the proposed project site. Further, it has been mentioned that at a distance of less than 50 m trees have been planted by the Forest Department. Hence, mining cannot be allowed at this site as it would endanger plantation by Forest Department. In this regard, the Committee asked the Project Proponent to justify the proposal, however, the Project Proponent could not submit any satisfactory reply.

After detailed deliberations, the Committee decided to defer the case till receipt of the reply of the below mentioned observations:

1. As per the Sub-Divisional Level Committee, Dinanagar report, no forest land is involved in the proposed project site. Further, it has been mentioned that at a distance of less than 50 m trees have been planted by the Forest Department. Hence, mining cannot be allowed at this site as it would endanger plantation by Forest Department. The Project Proponent shall submit permission for carrying out the mining from the Department of Forest in light of comments mentioned in Sub-Divisional Committee, Dinanagar Report.
2. The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.
3. The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.
4. The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

Item No. 264.06: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Khanpur sand Mining project at Village Khanpur, Tehsil-Baba Bakala , District- Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department,.(Proposal No SIA/PB/MIN/448859/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource 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 at Village Khanpur , Tehsil- Baba Bakla, District- Amritsar, Punjab (Agriculture site).The proposed site is a Public mining site (PMS).

The Department has deposited requisite fee of Rs. 2250/- dated 14.10.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter memo No.Glg/PB/M.P./khanpur/2600 dated 11.10.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd (Through VC).

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

S.No.	Item	Details
1.	Online Proposal No	SIA/PB/MIN/448859/2023
2.	Project Name & Location	Khanpur Sand Mining Project over an extent of 1.12474ha. Village: Khanpur Tehsil: Baba Bakala District: Amritsar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Gurbir Singh Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920, gurmeet.singh871@punjab.gov.in
4	Name of Environmental Consultant,	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in

	Mobile no. & Email Id																					
5	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals																				
6	Details of Mining Lease																					
i)	Mineral (s) to be mined	Sand																				
ii)	Method of mining	Manual Method																				
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS																				
iv)	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	<table border="1"> <thead> <tr> <th>Description</th> <th>As per the EC application</th> <th>As per the approved DSR</th> <th>As per the Mining Plan</th> </tr> </thead> <tbody> <tr> <td>Mine Capacity in MT</td> <td>25,517.30</td> <td>45828.14</td> <td>25,517.30</td> </tr> <tr> <td>Mine Capacity in TPA</td> <td>12,758.65</td> <td>-</td> <td>12,758.65</td> </tr> <tr> <td>Mining Area on mining in HA</td> <td>1.12474</td> <td>2.02</td> <td>1.12474</td> </tr> <tr> <td>Depth of Mining in m</td> <td>2.76</td> <td>2.76</td> <td>2.76</td> </tr> </tbody> </table>	Description	As per the EC application	As per the approved DSR	As per the Mining Plan	Mine Capacity in MT	25,517.30	45828.14	25,517.30	Mine Capacity in TPA	12,758.65	-	12,758.65	Mining Area on mining in HA	1.12474	2.02	1.12474	Depth of Mining in m	2.76	2.76	2.76
		Description	As per the EC application	As per the approved DSR	As per the Mining Plan																	
		Mine Capacity in MT	25,517.30	45828.14	25,517.30																	
		Mine Capacity in TPA	12,758.65	-	12,758.65																	
		Mining Area on mining in HA	1.12474	2.02	1.12474																	
		Depth of Mining in m	2.76	2.76	2.76																	
Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR																						
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.																				
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: Not submitted Date of Issue: Not submitted Safe distance from banks (m): Not submitted Annual rate of replenishment as per the study conducted:																				
8	HadBast No.	3																				
9	Land Khasra No. & their consent details																					

Sr.No	Type	Khasra No.	Consent details provided (Yes/No)
1	Agriculture land	206//7, 8/1, 24. (as per proposal)	Yes, Sukhwinder Singh, Balwinder Singh
Undertaking in the prescribed format not submitted.			
10	Latitude & Longitude		
	Pillar No.	Latitude	Longitude
	A-1	31°35'7.86"N	75°21'53.18"E
	A-2	31°35'9.69"N	75°21'52.75"E
	A-3	31°35'9.76"N	75°21'49.47"E
	A-4	31°35'8.12"N	75°21'49.48"E
	B-1	31°35'4.67"N	75°21'54.10"E
	B-2	31°35'4.48"N	75°21'51.07"E
	B-3	31°35'2.05"N	75°21'51.11"E
	B-4	31°35'1.81"N	75°21'53.94"E
11	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	As per the report of sub divisional level committee, Tehsil Baba Bakala, the proposed site is neither included in areas notified u/s 4 &5 of PLPA act 1900 nor in area falling in eco- sensitive zones of wildlife sanctuary conservation reserves covered under wildlife protection 1972 and Punjab wildlife preservation act 1959. This land is not forest land and there is no objection in regard.	
12	Does the project fall of eco-sensitive area/National Park/Wild Life Sanctuary? If yes, application submitted to NBWL.	No	
13	Cost of the project (Rs.)	35,08,629	
14	Environmental Clearance. Fee details	Rs.2250 NEFT NO. 328716196067, Dated 14.10.2023.	
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Not Submitted	
16	Demarcation report of mining site	Date of demarcation: 06.03.2023	
17	Workers (when fully operational)	18	
18	Water Requirements & source	Total: 2.60 KLD Domestic: 0.81 KLD Dust Suppression: 0.6 KLD	

		Green belt:1.19 KLD		
19	Waste water generation, Treatment & its Disposal	Quantity of Waste water : 0.64KLD, Generated waste water will be treated in septic tank followed by soak pit.		
20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 50 Nos. Funds Allocated (Rs.): 0.56 lacs towards capital cost and 0.056 Lacs towards recurring cost.		
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No		
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.		
23	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000
	2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.12474Ha. x 50saplings/Ha. =56 saplings @ Rs.1000 per sapling.	56,000	5,600
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*12758.65*2)	12,759	-
	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.).		30,000
	Total		1,18,759	59,600
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility Executive Engineer/Amritsar Drainage-cum-Mining and Geology Division, Amritsar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 25,517.30 MT. The project proponent has proposed to spent Rs 0.13 Lakhs (i.e @ Rs 0.50 per Ton) for Additional Environmental Activities (AEA) activities.			
25	An undertaking submitted by DMO, Amritsar submitted, which contain following facts: <ol style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iii) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. iv) 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 etc. 			

During meeting, the Committee asked the Environmental Consultant of the Department to present the superimposed KML file of the mining site as per application proposal and approved DSR. However, neither the Environmental Consultant nor the officers of the Department present during the meeting could present the same. The Committee took serious note of it and asked the officers of the Department and Environmental Consultant to present the case with full preparation in future.

After detailed deliberations, the Committee decided to defer the case till receipt of the reply of the below mentioned observations:

1. The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.
2. The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.
3. The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from

the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

4. The Project Proponent shall submit certificate to the effect that the proposal is as per the Annexure-V of DSR.
5. The Project Proponent shall submit an undertaking to the effect that during the lease period, the deposit will be worked from the top surface to 2.76 m or above ground water table, whichever comes first.

Item No. 264.07: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Balharwal sand Mining project at Village Balharwal, Tehsil- Ajanala, District- Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department,.(Proposal No SIA/PB/MIN/446836/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource 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 at Village Balharwal, Tehsil- Ajanala, District- Amritsar, Punjab (Agriculture site). The proposed site is a Public mining site (PMS)

The Department has deposited requisite fee of Rs. 1200/- dated 5-10-2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & verification of fee deposited by the applicant has been checked by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter memo No.Glg/PB/M.P./Balharwal/2438 dated 20.09.2023.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd (Through VC).

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

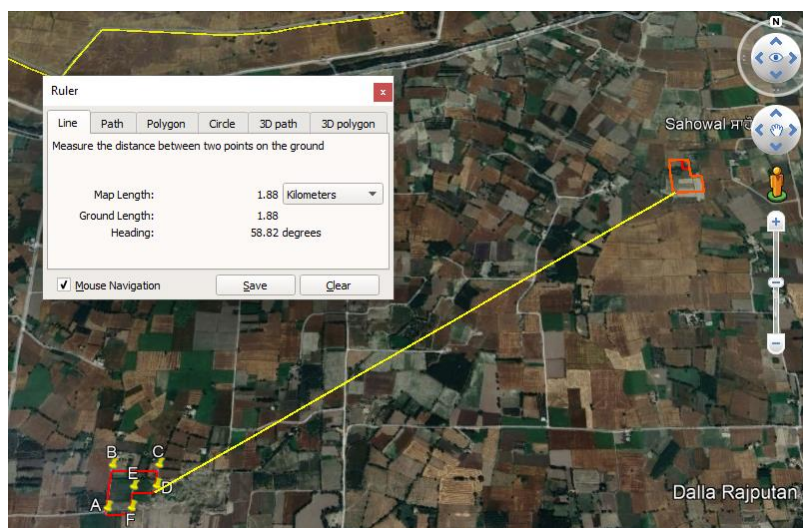
S.N o.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446836/2023, Dated 05 Oct. 2023
2.	Project Name & Location	Balharwal Sand Mining Project Village: Balharwal Tehsil- Ajanala District- Amritsar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Gurbir Singh Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920, gurmeet.singh871@punjab.gov.in

4	Name of Environmental Consultant, Mobile no. & Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in			
5	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
	Mineral (s) to be mined	Sand			
	ii) Method of mining	Manual Method			
	iii) Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
iv)	d. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
	e. Area of the Mine as per EC application/DSR/Mining plan	Mine Capacity in MT	14,720.4	54,588.15	14,720.4
	f. Depth of mining as per EC application/DSR/Mining plan	Mine Capacity in TPA	7,360.2	-	7,360.2
		Mining Area on mining in HA	0.60	0.60	0.60
		Depth of Mining in m	2.82	2.82	2.82
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR			
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 637 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			
8	HadBast No.	44			

9	Land Khasra No. & their consent details			
	Sr.No	Type	Khasra No.	Consent details provided (Yes/No)
	1	Private Land	41//9/2, 41//10/1/2/1, 41//11/1 (as per proposal)	Yes, Kirandeep Singh S/o Nirmal Singh
10	Latitude & Longitude			
	Pillar No.	Latitude	Longitude	
	A	31°54'28.03"N	74°42'37.18"E	
	B	31°54'31.94"N	74°42'37.18"E	
	C	31°54'31.98"N	74°42'42.31"E	
	D	31°54'30.02"N	74°42'42.32"E	
	E	31°54'29.99"N	74°42'39.76"E	
	F	31°54'28.05"N	74°42'39.78"E	
11	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		No	
12	Does the project fall of eco-sensitive area/National park/Wild Life Sanctuary? If yes, application submitted to NBWL.		No	
13	Cost of the project (Rs.)		20,24,055	
14	Environmental Clearance. Fee details		Rs.1200 NEFT NO. N278232671028081 Dated 05.10.2023.	
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.		Submitted	
16	Demarcation report of mining site		Date of demarcation: 14.08.2023	
17	Workers (when fully operational)		20 Persons.	
18	Water Requirements & source		Total: 2.60 KLD Domestic: 1.0 KLD Dust Suppression: 0.6 KLD Green belt:1.0	
19	Waste water generation, Treatment & its Disposal		i) Quantity of Waste water : 0.72KLD	

20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 30Nos. Funds Allocated (Rs.): 0.3 lacs towards capital cost and 0.03 Lacs towards recurring cost.		
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No		
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.		
23	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000
	2	Plantation and maintenance of 30 saplings through State Forest Department under Green Punjab Mission: Plantation cost 0.60Ha x 30 saplings/Ha=30 saplings @ Rs.1000 per sapling.	30,000	3,000
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s))	7360	-
	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.).		30,000
		Total	87,360	57,000
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility			

	<p>Executive Engineer/Amritsar Drainage-cum-Mining and Geology Division, Amritsar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 7,360.2MT. The project proponent has proposed to spent Rs 0.07 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities. Undertaking in this regard is already submitted online in Parivesh portal.</p>
25	<p>An undertaking submitted by DMO, Amritsar submitted, which contain following facts:</p> <ol style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.7m below ground level or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) 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 etc.



During meeting, the Committee asked the Environmental Consultant of the Department to present the superimposed KML file of the mining site as per application proposal and approved DSR. However, neither the Environmental Consultant nor the officers of the Department present during the meeting could present the same. The Committee took serious note of it and asked the officers of the Department and Environmental Consultant to present the case with full preparation in future.

After detailed deliberations, the Committee decided to defer the case till receipt of the reply of the below mentioned observations:

1. As per the Annexure-V of the approved DSR, there exists two no. of mining sites, one site is at Sr. no. 3 having land area of 2.225 Ha and permissible quantity of 54588.15 MT which lies under ownership of Smt. Harbhajan Kaur and second site at Sr. No. 4 having land area 0.6 Ha and permissible quantity of 15228 MT which lies under ownership of Sh Kirandeep Singh. The Project Proponent has submitted application for carrying out mining in in an area of 0.6 Ha bearing Khasra no., which lies in the ownership of Sh. Kirandeep Singh. However, the permissible quantity of mining material i.e 54,588.15 has been considered as the quantity mentioned against the land area owned by Smt. Harbhajan Kaur. The Project Proponent shall clarify in this regard.
2. The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.
3. The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.
4. The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

Item No. 264.08: Application for Terms of Reference under EIA notification dated 14.09.2006 for residential colony (Group Housing Project) namely “Beverly Heights” at Village Manawala, Near Best Price, District Amritsar, Punjab by M/s GGH Realtors (P) Ltd (Proposal no. SIA/PB/INFRA2/446782/2023).

The project proponent has applied for obtaining Terms of Reference for residential colony (Group Housing Project) namely “Beverly Heights” at Village Manawala, Near Best Price, District Amritsar, Punjab. The project is covered under (**violation**) category 8(a) of the schedule appended with the EIA Notification dated 14.09.2006. The total land of the project is 5738.29 sqm (1.42 acre) having built up area of project after expansion is 29088.83 Sqm. The project is covered under category 8(a) of the schedule appended with the EIA Notification dated 14.09.2006. The Project Proponent has deposited Rs. 14,545/- vide NEFT No. N276232667546030 dated. 03.10.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

The Project Proponent has submitted a copy of letter of approval/regularization of unauthorized colony namely Dream Arcade to be constructed by M/s Dream County Homes & Villas issued by Competent Authority, Amritsar Development Authority vide letter No. ADA/CA/ASR/2021/6783 dated 21.05.2021. The Project Proponent has also submitted copy of affidavit stating that the Managing Directors of M/s Dream County Homes and M/s GGH Hightech Realtors Pvt Ltd are same. Further, there is no objection if the above said land and regularization fee transfer in the name of M/s GGH Hightech Pvt Ltd. The Project Proponent has also submitted no objection certificate issued by Amritsar Development Authority vide letter No. ADA/PUDA/CA/ASR/2019/3306 dated 04.03.2021 in the name of M/s GGH Realtors Pvt Ltd for residential plot area measuring 6863 sqyard at Village Manawal, Tehsil & District Amritsar.

The Project Proponent has informed that out of 140 No. of flats, 130 No. are of 3BHK and 10 No. are of 4 BHK, having built up area of 29088.83 sqm. Further, all these flats are to be constructed in one tower having S+15 floors.

The project proponent has submitted an undertaking w.r.t. non-involvement of Forest/PLPA land in the project area in prescribed format. There is no wildlife sanctuary within 10 Km radius of the project site.

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

1. Mr. Rajeev Verma, General Manager M/s GGH Realtors (P) Ltd.
2. Mr. Sital Singh, Environmental Consultant M/s CPTL.

The Committee perused the application proposal and observed that the Project Proponent has submitted letter of approval issued in the name of Dream Arcade constructed by M/s Dream County Homes & Villas, however, the application of ToR has been submitted in the name of Beverly Heights to be constructed by M/s GGH Realtors (P) Ltd. In this regard, the Committee asked the Project Proponent to explain the reasons for the same. However, no

satisfactory reply was given by the Project Proponent and the Environmental Consultant. The Committee asked the Project Proponent to submit the same.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the detailed justification regarding submission of documents in the name of M/s Dream County Homes & Villas.

Specific conditions:

- (i) The Environmental Clearance (EC) will be valid for a period of seven years from the date of issuance, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said locations and Khasra numbers as per the Mining Plan subject to the availability of minor minerals and valid Mining Plan.
- (ii) The project proponent shall demarcate the mining lease area in the presence of Lambardar of the village, project proponent/ contractor, owner of the land and owner of the adjoining land, Revenue officer & Mining officer, etc. Mining lease area will be demarcated on the ground with pucca pillars with reference to some permanent benchmark before starting any mining activity at site.
- (iii) Mining should begin only after pucca pillar marking the boundary of lease area is erected at the cost of the lease holder after certification by the Mining official and its geo-coordinates are made available to the District Level Committee.
- (iv) Mining shall be carried out through semi- mechanized method as proposed in the mining plan.
- (v) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- (vi) The mining activity shall be carried out strictly as per the Sustainable Sand Mining Management Guidelines 2016, the provisions made in Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and the guidelines issued by the Geological Survey of India.
- (vii) The mining operation will be carried out only from sun-rise to sunset.
- (viii) The project proponent shall earmark at least two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site and monthly monitoring of the depth is to be carried out. District Mining Officer is to monitor the same.
- (ix) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board (PPCB) and effectively implement all the conditions stipulated therein.
- (x) The project proponent shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- (xi) The mining of minor mineral (sand) shall be carried out only up to a depth of 3m as proposed in the approved Mining plan or above the groundwater level, whichever is less.

- (xii) The project proponent and Mining officer shall ensure that wherever deployment of labour attracts the Mines Act, the provisions thereof shall be strictly followed.
- (xiii) The project proponent shall undertake plantation/afforestation work by planting native species in the nearby area/ adjacent to the mine lease. It shall be ensured that adequate numbers (as proposed) of trees shall be planted, protected, maintained and established. (Condition no. xx of the specific condition stands deleted).
- (xiv) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the Ministry of Environment, Forests & Climate Change (MoEF&CC) /PPCB in this regard.
- (xv) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- (xvi) The periodic monitoring of groundwater[(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority (CGWA) and the data thus collected may be sent regularly to the MoEF&CC and its Regional office at Chandigarh, CGWA, the Regional Director, Central Ground Water Board; SEIAA, Punjab and PPCB. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- (xvii) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- (xviii) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only use treated waste water for dust suppression activities.
- (xix) Adequate numbers (as proposed) of trees shall be planted, protected, maintained and established in vacant area in the village near the mining site.
- (xx) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the PPCB. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment used for transportation.
- (xxi) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that, as far as possible, the transportation route will be away

- from the habitation area and will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- (xxii) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that the tippers carrying mined material are not loaded beyond the permissible load as per the designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
 - (xxiii) A first aid room shall be provided in the project both during construction and operations of the project.
 - (xxiv) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
 - (xxv) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto the land for plantation.
 - (xxvi) The municipal solid waste generated shall be disposed of as per Solid Waste Management (SWM) Rules 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of SWM Rules. Dustbins will be provided at site and the workers will be guided to put all the waste in these dustbins. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
 - (xxvii) The critical parameters such as Respirable Suspended Particulate Matter(RSPM) (Particulate matter with size less than 10 microns i.e., PM10) and Nitrogen oxides (NOx) in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(Total Dissolved Solids(TDS), Dissolved Oxygen(DO), pH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by MoEF&CC, which is available at www.envfor.nic.in shall also be referred in this regard for its compliance.
 - (xxviii) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab.

- (xxix) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to the applicable air and noise emission standards as provided in the Motor Vehicles Act,1988.
- (xxx) Ambient noise levels should conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- (xxxi) The risk assessment and disaster management plan should be prepared.
- (xxxii) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- (xxxiii) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabitations or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- (xxxiv) The project proponent shall ensure the implementation of the post-closure mining plan as proposed by the project proponent in the Mining plan.
- (xxxv) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.

General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the PPCB.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO_x should be regularly submitted to the MoEF&CC including its Regional office located at Chandigarh and the PPCB / Central Pollution Control Board (CPCB) once in six months and SEIAA, Punjab.
- (v) Personnel working in dusty areas should wear protective respiratory devices and should be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (vi) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior executive, who will report directly to the head of the organization.

- (vii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional office located at Chandigarh and SEIAA, Punjab.
- (viii) The project proponent should inform to the Regional Office of MoEF&CC located at Chandigarh and SEIAA, Punjab regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (ix) The Regional office of MoEF&CC located at Chandigarh and PPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional office by furnishing the requisite data / information / monitoring reports.
- (x) The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental clearance conditions including the results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional office Chandigarh, the respective Zonal Office of CPCB , PPCB, and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office MoEF&CC, Chandigarh, the respective Zonal Office of CPCB and PPCB, and SEIAA, Punjab.
- (xi) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xii) The project proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiii) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the PPCB (as prescribed under the Environment (Protection) Rules, 1986 amended from time to time), shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. In addition, it shall also be sent to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab by e-mail.
- (xiv) The project proponent shall adhere to the commitments made in the Environment Management Plan.
- (xv) Within seven days of the issuance of EC, the project proponent shall prominently advertise (in at least two local newspapers of the District or State, of which one shall be in the vernacular language) that the project has been accorded Environmental Clearance along with the details of MoEF&CC/SEIAA website where it is displayed.
- (xvi) The MoEF&CC and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

- (xvii) The SEIAA may cancel the EC granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this EC, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the EC.
- (xviii) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the MoEF&CC/PPCB and SEIAA, Punjab.
- (xix) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xx) The project proponent may apply for transfer of EC under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Mines & Geology to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the EC is transferred in his name and he is lawfully bound to comply with the conditions of the EC
- (xxi) The monitoring of the mining project in respect of environment management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxii) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days.

Additional Conditions:

- (i) The quantities of minor minerals already extracted (if any) in the 3-month window provided for commencing mining operations pending the grant of ECs shall be accounted for and included in the total quantity extracted vis-à-vis quantities permitted in the ECs.

Specific conditions:

- (i) The Environmental Clearance (EC) will be valid for a period of seven years from the date of issuance, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said locations and Khasra numbers as per the Mining Plan subject to the availability of minor minerals and valid Mining Plan.
- (ii) The project proponent shall demarcate the mining lease area in the presence of Lambardar of the village, project proponent/ contractor, owner of the land and owner of the adjoining land, Revenue officer & Mining officer, etc. Mining lease area will be demarcated on the ground with pucca pillars with reference to some permanent benchmark before starting any mining activity at site.
- (iii) Mining should begin only after pucca pillar marking the boundary of lease area is erected at the cost of the lease holder after certification by the Mining official and its geo-coordinates are made available to the District Level Committee.
- (iv) Mining shall be carried out through semi- mechanized method as proposed in the mining plan.
- (v) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- (vi) The mining activity shall be carried out strictly as per the Sustainable Sand Mining Management Guidelines 2016, the provisions made in Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and the guidelines issued by the Geological Survey of India.
- (vii) The mining operation will be carried out only from sun-rise to sunset.
- (viii) The project proponent shall earmark at least two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site and monthly monitoring of the depth is to be carried out. District Mining Officer is to monitor the same.
- (ix) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board (PPCB) and effectively implement all the conditions stipulated therein.
- (x) The project proponent shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- (xi) The mining of minor mineral (sand) shall be carried out only up to a depth of 3m as proposed in the approved Mining plan or above the groundwater level, whichever is less.

- (xii) The mining shall be carried out by the contractor/lessor as per the Environment Management Plan prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals. It shall be ensured that no mining shall be carried out during the monsoon season as defined by the Meteorological department.
- (xiii) The project proponent and Mining officer shall ensure that wherever deployment of labour attracts the Mines Act, the provisions thereof shall be strictly followed.
- (xiv) The project proponent shall undertake plantation/afforestation work by planting native species in the nearby area/ adjacent to the mine lease. It shall be ensured that adequate numbers (as proposed) of trees shall be planted, protected, maintained and established. (Condition no. xx of the specific condition stands deleted).
- (xv) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the Ministry of Environment, Forests & Climate Change (MoEF&CC) /PPCB in this regard.
- (xvi) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- (xvii) The periodic monitoring of groundwater[(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority (CGWA) and the data thus collected may be sent regularly to the MoEF&CC and its Regional office at Chandigarh, CGWA, the Regional Director, Central Ground Water Board; SEIAA, Punjab and PPCB. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.
- (xviii) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- (xix) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only use treated waste water for dust suppression activities.
- (xx) Adequate numbers (as proposed) of trees shall be planted, protected, maintained and established in vacant area in the village near the mining site.

- (xxi) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the PPCB. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment used for transportation.
- (xxii) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that, as far as possible, the transportation route will be away from the habitation area and will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- (xxiii) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that the tippers carrying mined material are not loaded beyond the permissible load as per the designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- (xxiv) A first aid room shall be provided in the project both during construction and operations of the project.
- (xxv) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- (xxvi) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto the land for plantation.
- (xxvii) The municipal solid waste generated shall be disposed of as per Solid Waste Management (SWM) Rules 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of SWM Rules. Dustbins will be provided at site and the workers will be guided to put all the waste in these dustbins. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- (xxviii) The critical parameters such as Respirable Suspended Particulate Matter(RSPM) (Particulate matter with size less than 10 microns i.e., PM10) and Nitrogen oxides (NOx) in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(Total Dissolved Solids(TDS), Dissolved Oxygen(DO), pH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by MoEF&CC, which is available at www.envfor.nic.in shall also be referred in this regard for its compliance.
- (xxix) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna

found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab.

- (xxx) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to the applicable air and noise emission standards as provided in the Motor Vehicles Act,1988.
- (xxxii) Ambient noise levels should conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- (xxxiii) The risk assessment and disaster management plan should be prepared.
- (xxxiv) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- (xxxv) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabitations or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- (xxxvi) The project proponent shall ensure the implementation of the post-closure mining plan as proposed by the project proponent in the Mining plan.
- (xxxvii) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.

General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the PPCB.
- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NOx should be regularly submitted to the MoEF&CC including its Regional office located at Chandigarh and the PPCB / Central Pollution Control Board (CPCB) once in six months and SEIAA, Punjab.
- (v) Personnel working in dusty areas should wear protective respiratory devices and should be provided with adequate training and information on safety and health

- aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (vi) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior executive, who will report directly to the head of the organization.
 - (vii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional office located at Chandigarh and SEIAA, Punjab.
 - (viii) The project proponent should inform to the Regional Office of MoEF&CC located at Chandigarh and SEIAA, Punjab regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
 - (ix) The Regional office of MoEF&CC located at Chandigarh and PPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional office by furnishing the requisite data / information / monitoring reports.
 - (x) The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental clearance conditions including the results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional office Chandigarh, the respective Zonal Office of CPCB , PPCB, and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office MoEF&CC, Chandigarh, the respective Zonal Office of CPCB and PPCB, and SEIAA, Punjab.
 - (xi) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 - (xii) The project proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
 - (xiii) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the PPCB (as prescribed under the Environment (Protection) Rules, 1986 amended from time to time), shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. In addition, it shall also be sent to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab by e-mail.
 - (xiv) The project proponent shall adhere to the commitments made in the Environment Management Plan.

- (xv) Within seven days of the issuance of EC, the project proponent shall prominently advertise (in at least two local newspapers of the District or State, of which one shall be in the vernacular language) that the project has been accorded Environmental Clearance along with the details of MoEF&CC/SEIAA website where it is displayed.
- (xvi) The MoEF&CC and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xvii) The SEIAA may cancel the EC granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this EC, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the EC.
- (xviii) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the MoEF&CC/PPCB and SEIAA, Punjab.
- (xix) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xx) The project proponent may apply for transfer of EC under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Mines & Geology to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the EC is transferred in his name and he is lawfully bound to comply with the conditions of the EC
- (xxi) The monitoring of the mining project in respect of environment management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxii) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days.

Additional Conditions:

- (ii) The quantities of minor minerals already extracted (if any) in the 3-month window provided for commencing mining operations pending the grant of ECs shall be accounted for and included in the total quantity extracted vis-à-vis quantities permitted in the ECs.