Proceedings of 254<sup>th</sup> meeting of State Expert Appraisal Committee (SEAC) held on 07.08.2023 & 08.08.2023 at 11:00 AM in the Conference Hall no. 2, MGSIPA Complex, Sector-26, Chandigarh.

Following were present:

Sr. No.	Name & designation of SEAC Member	Attendance as on 07.08.2023	Attendance as on 08.08.2023
1.	Er. Yogesh Gupta Chairman	Present	Present
2.	Sh. Pardeep Garg Member Secretary	Present	Present
3.	Sh. K.L Malhotra Member	Present	Present
4.	Sh. Anil Kumar Gupta Member	Present	Present (Through VC)
5.	Sh. Sunil Mittal Member	Present	Present (Through VC)
6.	Sh. Pawan Krishan Member	Present (Through VC)	Present (Through VC)
7.	Sh. Parminder Singh Bhogal Member	Present	Present
8.	Sh. Preet Mohinder Singh Bedi Member	Present (Through VC)	Present (Through VC)

Item No. 01: Confirmation of the proceedings of 252nd & 253rd meeting of State Level Expert Appraisal Committee held on 17.07.2023 & 24.07.2023.

The proceedings of 252nd & 253rd meeting of State Level Expert Appraisal Committee held on 17.07.2023 & 24.07.2023 were prepared and circulated through email. The comments of Sh. KL Malhotra, Member SEAC were received through e-mail on 26.07.2023, which were incorporated in the proceedings of the 253<sup>rd</sup> meeting held on 24.07.2023. Further, no comments were received with regard to the projects of the 252<sup>nd</sup> meeting held on 17.07.2023. Therefore, SEAC confirmed the proceedings of the 252<sup>nd</sup> & 253<sup>rd</sup> meeting of SEAC.

Item No. 02: Action taken on the proceedings of the 252<sup>nd</sup> & 253<sup>rd</sup> meeting of State Level Expert Appraisal Committee held on 17.07.2023 & 24.07.2023.

The action taken on the decisions of 252<sup>nd</sup> & 253<sup>rd</sup> meeting of State Level Expert Appraisal Committee held on 17.07.2023 & 24.07.2023 have been completed. SEAC noted the same.

#### Item No. 254.01:

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

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

The Department has deposited requisite fee of Rs. 9600/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./kadiana/1543 dated 26.05.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	DMO Jalandhar  Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar  7888512516  xenminingjal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434645/2023

iv)	Project Name & Location	Kadiana Sand Mining Project Village: Kadiana Tehsil- Phillaur District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	Mining of Minor Minerals

#### **Basic Details of the Case:**

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

		Depth of Mini	ng (m): 1.74 m	
vii.	Longitude & Latitude of the	Pillar No.	Latitude	Longitude
	mining site	1.	31° 0'48.88"N	75°53'39.67"E
		2.	31° 0'48.12"N	75°53'37.49"E
		3.	31° 0'47.21"N	75°53'34.09"E
		4.	31° 0'45.96"N	75°53'31.29"E
		5.	31° 0'45.74"N	75°53'29.39"E
		6.	31° 0'46.43"N	75°53'27.47"E
		7.	31° 0'47.33"N	75°53'24.97"E
		8.	31° 0'48.36"N	75°53'23.66"E
		9.	31° 0'48.53"N	75°53'25.16"E
		10.	31° 0'48.24"N	75°53'27.35"E
		11.	31° 0'48.62"N	75°53'28.83"E
		12.	31° 0'49.52"N	75°53'26.49"E
		13.	31° 0'50.24"N	75°53'29.31"E
		14.	31° 0'50.79"N	75°53'31.82"E
		15.	31° 0'51.77"N	75°53'35.03"E
		16.	31° 0'51.97"N	75°53'38.54"E
		17.	31° 0'51.53"N	75°53'41.83"E
		18.	31° 0'51.05"N	75°53'42.61"E
		19.	31° 0'49.96"N	75°53'40.68"E
viii.	Details of cluster formation	No cluster is f	ormed, cluster letter is	submitted.
ix.	Affidavit from the land	A copy of le	etter issued by Gram	Panchayat Kadiana
	owner giving consent for	addressed to	District Mining Office	cer, Jalandhar vide
	carrying out mining. (In case	dated 29.03.	.2023 submitted whe	erein it has been
	of Pvt land)	mentioned as under:		
		"ਬੇਨਤੀ ਹੈ ਕਿ	ਆਪ ਜੀ ਦੇ ਵਿਭਾਗ ਵੱਲੋਂ ਪਿ	ਮੈਂਡ ਕਡਿਆਣਾ ਤਹਿਸੀਲ
		ਫਲੋਰ ਜਿਲਾ ਜ	ਲੰਧਰ ਅਧੀਨ ਆਉਦਾ ਰਕ	ਬਾ ਡੀ ਐਸ ਆਰ ਵਿਚ
		ਸ਼ਾਮਿਲ ਕੀਤਾ ਇ	ਗਿਆ ਹੈ। ਜਿਸ ਮਾਇੰਨਿੰਗ ਮ	ਜਾਈਟ ਦਾ ਨਾਮ <b>PO-JL</b> -

PL-ST-03 ਅਤੇ PO-JL-PL-ST-1B ਇਸ ਦੇ ਵਿਚ ਜੋ ਸਾਇਟ ਨੰਬਰ 3 ਸ਼ਾਮਿਲ ਕੀਤੀ ਗਈ ਹੈ ਇਹ ਸਾਈਟ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਦੇ ਬਿਲਕੁਲ ਨਾਲ ਲਗਦੀ ਹੈ। ਜੇਕਰ ਇਸ ਸਾਈਟ ਤੋਂ ਰੇਤਾ ਚੁਕਵਾਇਆ ਗਿਆ ਤਾ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਨੂੰ ਨੁਕਸਾਨ ਹੋ ਸਕਦਾ ਹੈ। ਇਸ ਤੋਂ ਪਹਿਲਾ ਵੀ ਕਈ ਵਾਰ ਦਰਿਆ ਵਿਚੋਂ ਰੇਤਾ ਦੀ ਚਕਣ ਕਾਰਨ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਦਾ ਕਈ ਵਾਰ ਜਾਨੀ ਤੇ ਮਾਲੀ ਨੁਕਸਾਨ ਹੋ ਚੁਕਾ ਹੈ। ਬਾਬਾ ਜੀ ਦੀ ਦਰਗਾਹ ਦੀ ਹੱਦ ਵਿਚੋ ਰੇਤਾ ਚੁਕਣ ਕਾਰਨ ਦਰਿਆ ਦੇ ਪਾਣੀ ਦਾ ਵਹਾਅ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਜੀ ਦੀ ਦਰਗਾਹ ਵੱਲ ਵੱਧ ਜਾਦਾ ਹੈ ਜਿਸਕਾਰਨ ਬਾਬਾ ਜੀ ਦੀ ਦਰਗਾਹ ਦੇ ਨਾਲ ਨਾਲ ਰਹਿੰਦੇ ਲੋਕਾ ਨੂੰ ਨੁਕਸਾਨ ਹੋਣ ਖਤਰਾ ਵੱਧ ਜਾਂਦਾ ਹੈ। ਜਿਸ ਕਾਰਨ ਜਿਸ ਕਾਰਨ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਨੇੜੇ ਲੋਕਾ ਨੂੰ ਖੰਡ ਨੰਬਰ PO-JL-PL-ST-03 ਵਿੱਚ ਰੇਤਾ ਚੁਕਣ ਤੋਂ ਇਤਰਾਜ ਹੈ। ਸਮੂਹ ਗਰਾਮ ਪੰਚਾਇਤ ਦੀ ਸਹਿਮਤੀ ਅਨੁਸਾਰ PO-JL-PL-ST-1B ਖੰਡ ਵਿੱਚ ਰੇਤਾ ਚੁਕਣ ਦੀ ਆਗਿਆ ਦਿਤੀ ਜਾਵੇ। ਇਸ ਖੰਡ ਨੂੰ ਜਨਤਕ ਖੰਡ ਬਣਾਇਆ ਜਾਵੇ ਤਾ ਕਿ ਬੇਰੁਜਗਾਰ ਲੋਕਾ ਨੂੰ ਰੁਜਗਾਰ ਮਿਲ ਸਕੇ ਅਤੇ ਇਸ ਖੰਡ ਵਿਚੋ ਰੇਤਾ ਪਟਾਈ ਕਰਨ ਵਾਸਤੇ ਮਸ਼ੀਨ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਜਾਵੇਂ ਅਤੇ ਭਰਾਈ ਲੈਵਰ ਦੁਆਰਾ ਕੀਤੀ ਜਾਵੇ। ਬੇਨਤੀ ਹੈ ਕਿ ਬਾਬਾ ਝੰਡੀ ਪੀਰ ਦੀ ਦਰਗਾਹ ਤੋਂ ਲਗਭਗ 5 ਕਿਲੋਮੀਟਰ ਦੀ ਦੂਰੀ ਤੇ ਜੋ ਪਿੰਡ ਕਡਿਆਣਾ ਦੀ ਜੋ ਪੰਚਾਇਤੀ ਜਮੀਨ ਹੈ ਉਸ ਵਿਚੋਂ ਚਿਟਾ ਰੇਤਾ ਚੁਕਵਾਇਆ ਜਾਵੇ।" Demarcation done on 26-04-2023. Copy of demarcation Whether demarcation/erection report submitted. boundary pillars on the site has been done. A copy of the certificate dated 14.12.2022 issued by DFO, xi. Status of clearance under Forest Conservation Act, Phillaur to the effect that the proposed mining site does

	1980, Wildlife Protection Act	not fall in the Eco-sensitive Zones of Wildlife Sanctuary &
		Conservation Reserves covered under Wildlife Protection
		Act 1972 and Punjab Wildlife Preservation Act 1959.
		Further, the proposed mining site does not fall under
		Section 4 & 5 of the PLPA Act 1900.
		Further, as per the report of the Sub-Divisional Level
		Committee of Tehsil Phillaur, the proposed site having
		sand bar code as PO-JL-PL-ST-1B have no forest land.
xii.	Salient features of approved	Date of approval- 26-05-2023
	mining plans.	Total Quantity-41913 tonnes
xiii.	Method of mining.	Opencast Semi-mechanized
xiv.	No. of workers on the site when	18
	fully operational.	
XV.	Total water requirement for	Domestic: 0.18 KLD
	domestic and other usage and	Dust Suppression: 0.20 KLD
	its source.	Plantation: 2.40 KLD
		Total: 2.78 KLD
xvi.	Waste water generation and its	Nil
	disposal	
xvii.		Tractor Trolleys will be employed
		Transportation route map submitted
	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.	
viii.	Activities to be undertaken	Submitted
	under EMP along with its cost.	
xix.		No litigation is pending against the proposed mining site
	pending against the proposed	
	mining site, if yes the details,	
	thereof, be provided.	

i)	The Department shall provide No trees would be felled during mining activity
	details pertaining to No. of

	trees, if any, to be felled for carrying out 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 2.00Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 9.85 Km towards South-East
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 is 15.5 Km towards West.
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.

vi)	The Department/Project	Submitted
	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:	

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 4.80 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

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

Sr. No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	1,06,000	31,800
2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000

4.	Safety shoes/masks/earplugs/	50,000	20,000
	first aid kit etc.		
5	Additional Environment Activities (Green Belt Development)	2,40,000	1,00,000
	Total	5,96,000	2,26,800

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 4.80 Ha for the quantity of 41913 TPA, which shall not exceed the quantity of 77172.48 T as per the approved DSR at Village Kadiana, Tehsil Phillaur, District Jalandhar, subject to the conditions attached as **Annexure-1**.

#### Item No. 254.02:

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

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

The Department has deposited requisite fee of Rs. 8860/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Rampur/1563 dated 29.05.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Jalandhar
	Correspondence address:	Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar
	Mobile No:	7888512516 xenminingjal@gmail.com
	Email ID:	
ii)	Name of Environmental	Grass Roots Research and Creation (P) Ltd.
	Consultant	0120-4044630
	Mobile No.	info@grc-india.com
	Email ID	

iii	i)	Online Proposal No.	SIA/PB/MIN/434650/2023
iv	<u>'</u> )	Project Name & Location	Rampur/Thamuwal Sand Mining Project Village: Rampur/Thamuwal Tehsil- Shahkot District- Jalandhar, Punjab
V	′)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

## Details of the mining project are as under:

S.No	Item	Details		
i.	Category of the Project as per the	B2		
	EIA notification dated 14.09.2006			
ii.	Hadbast No. of the Village	281		
iii.	Details of Khasra No. as under:			
	Khasra No. as per proposal Ki	hasra No. as per DSR	Name of owner of	
			the land as per	
			land NOC.	
	39//11,12,18,19,20,22,23,24, Sa	and bar code PO-JL-SH-ST-52,	Government Land	
	45//2,3,4,5,6,7,8,14,15 PC	O-JL-SH-ST-53A and PO-JL-SH-		
	37//25,38//5, 39//1, ST	Γ-53B mentioned in the		
	37//2,3,4,7,8,13, 14,16,17 ap	pproved DSR.		
iv.	Whether the mining area is less	No		
	than area mentioned in the			
	DSR,(If yes) the proposed			
	mining area shall be earmarked			
	in the KML file with different			
	color.			
٧.	i. Area & Quantity details	Area as per Mine Plan and applic	cation proposal – 4.43	
	as per Mining plan and	На.		
	proposal	Quantity as per Approved Mine	Plan - 24802 TPA	
	ii. Area and permissible			
	quantity details as per	Area as per DSR – 4.43 Ha.		
	DSR	Quantity as per Approved DSR – 54689.694 TPA		
vi.	Details as per Mining plan	Approved by: Assistant Geologis	t, Punjab bearing	
		Letter no Glg/Pb/M.P/Rampur/1	563.	

		Date of A	Approval: 29.05.2023						
		Approved Mining Lease A							
		rea: 4.43 Ha.							
		Approved Mining Quantity: 24802 TPA							
		Depth of Mining (m): 2.11 m							
vii.	Longitude & Latitude of the	Pillar	Latitude	Longitude					
	mining site	No.							
		Block-52							
		1.	31° 0'20.85"N	75°19'57.05"E					
		2.	31° 0'20.08"N	75°19'56.82"E					
		3.	31° 0'21.06"N	75°19'54.82"E					
		4.	31° 0'22.60"N	75°19'52.49"E					
		5.	31° 0'25.20"N	75°19'51.17"E					
		6.	31° 0'27.59"N	75°19'49.93"E					
		7.	31° 0'28.45"N	75°19'48.78"E					
		8.	31° 0'29.17"N	75°19'48.18"E					
		9.	31° 0'29.78"N	75°19'48.22"E					
		10.	31° 0'29.63"N	75°19'50.41"E					
		11.	31° 0'27.69"N	75°19'53.12"E					
		12.	31° 0'25.93"N	75°19'54.85"E					
		13.	31° 0'24.83"N	75°19'56.41"E					
		14.	31° 0'23.60"N	75°19'57.22"E					
		15.	31° 0'22.39"N	75°19'56.75"E					
		16.	31° 0'21.93"N	75°19'56.05"E					
		10.	Block-5						
		1.	31° 0'33.46"N	75°19'47.69"E					
		2.	31° 0'33.32"N	75°19'46.62"E					
		3.	31° 0'33.52"N	75°19'45.56"E					
		4.	31° 0'34.53"N	75°19'45.16"E					
		5.	31° 0'34.53"N	75°19'45.28"E					
		6.	31° 0'35.06"N	75°19'45.28"E					
		7.	31° 0'35.67"N	75°19'44.83"E					
		8.	31° 0'36.29"N	75°19'45.06"E					
		9.	31° 0'35.98"N	75°19'45.64"E					
		10.	31° 0'35.24"N	75°19'46.65"E					
		11.	31° 0'34.38"N	75°19'47.63"E					
		12.	31° 0'33.59"N	75°19'48.09"E					
			Block-5	3B					
		1.	31° 0'38.23"N	75°19'44.55"E					
		2.	31° 0'37.33"N	75°19'44.02"E					
		3.	31° 0'37.41"N	75°19'43.57"E					
		4.	31° 0'38.63"N	75°19'42.22"E					
		5.	31° 0'39.89"N	75°19'41.24"E					
		6.	31° 0'41.18"N	75°19'40.65"E					
		7.	31° 0'42.62"N	75°19'40.05"E					
		8.	31° 0'43.98"N	75°19'38.68"E					

		9.	31° 0'44.46"N	75°19'39.98"E
		10.	31° 0'43.93"N	75°19'41.66"E
		11.	31° 0'42.66"N	75°19'42.56"E
		12.	31° 0'41.56"N	75°19'42.50"E
		13.	31° 0'39.72"N	75°19'43.80"E
viii.	Details of cluster formation			on however the mining
			ess than 5 Ha.	
ix.	Affidavit from the land owner		,	wever, the demarcation
	giving consent for carrying out	· -		e falls in the approved
	mining. (In case of Pvt land)	DSR of D	District Jalandhar.	
х.	Whether demarcation/erection	Demarca	ation done on (	03-05-2023. Copy of
	of boundary pillars on the site	demarca	ation report Submitt	ed as <b>Annexure-11</b> of
	has been done.	online a	pplication	
xi.	Status of clearance under	Λ 600:	of the contificate date	ed 14.12.2022 issued by
Χι.				•
	Forest Conservation Act, 1980,			at the proposed mining
	Wildlife Protection Act 1972 as			Eco-sensitive Zones of
	the case may be		•	vation Reserves covered
				Act 1972 and Punjab
				1959. Further, the
			=	ot fall under Section 4 &
		5 of the	e PLPA Act 1900.	
		Further	r, as per the report of	the Sub-Divisional Level
		Commi	ttee of Tehsil Shah	kot, for the proposed
		mining	sites mentioned	as PO_JL_SH_ST_52,
		PO_JL_	SH_ST_53A and PO_J	L_SH_ST_53B, the DFO,
		Depart	ment of Forest	and Wildlife, Punjab
		mentio	ned that the proper	recommendations can
		be give	n after demarcation is	done.
xii.	Salient features of approved	Date of a	approval- 29-05-2023	
	mining plans	Total Qu	antity-24802 tonnes	
xiii.	Method of mining	Opencas	st Semi-mechanized	
xiv.	No. of workers on the site when	21		
	fully operational			
xv.	Total water requirement for	Domes	tic: 0.50 KLD	
	domestic and other usage and its	Dust Su	uppression: 0.20 KLD	
	source	Plantat	ion: 2.22 KLD	
		Total:	2.92 KLD	
xvi.	Waste water generation and its	Nil		
	disposal			
	<u> </u>	<u> </u>		

xvii.	Information regarding nos of	9 Trucks per day
	truck/trollies per day for carrying	Transportation route map submitted
	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.	
kviii.	Activities to be undertaken under	Submitted
	EMP along with its cost.	
xix.	Whether any Litigation is pending	No litigation is pending against the proposed mining
	against the proposed mining site,	site
	if yes the details, thereof, be	
	provided.	

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out 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 2.00Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 2.60 Km towards North-West
iv)	In case, the proposed mining site does not include in a cluster, the Department shall	Distance from the nearest mining site is 16.85 Km towards West.

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

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

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

Sr. No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	80,000	24,000
2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/ first aid kit etc.	50,000	20,000
5.	Additional Environment Activities-Green Belt Development	2,22,000	1,00,000
	Total	5,52,000	2,19,000

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 4.43 Ha for the quantity of 24802 TPA, which shall not exceed the quantity of 54689.694 Ton as per the approved DSR at Village Rampur/Thamuwal, Tehsil Shahkot, District Jalandhar, Punjab, subject to the conditions attached as **Annexure-1** along with special condition as under:

#### **Special Condition:**

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

Item No. 254.03:

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

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

The Department has deposited requisite fee of Rs. 4800/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Burj Hassan/1281 dated 29.04.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

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

	Name of Applicant & Correspondence address: Mobile No: Email ID:	DMO Jalandhar  Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar  7888512516  xenminingjal@gmail.com		
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com		
iii)	Online Proposal No.	SIA/PB/MIN/430534/2023		
iv)	Project Name & Location	Burj Hassan(Sidhara) Sand Mining Project Village: Burj Hassan (Sidhara)		

		Tehsil- Phillaur District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

# Details of the mining project are as under:

S.No.	Item				Details			
i.	Catego	ry of the F	Project as	per	B2			
	the EIA	\ notificati	on dated					
	14.09.2	2006						
ii.	Hadba	st No. of tl	he Village		73			
iii.	Details of Khasra No. as under:			der:				
	Khasr	a No.	as pe	er	Khasr	a No. as per [	OSR	Name of owner of the
	propo	osal						land as per land NOC
	900,9	01,908,90	9/2,910/3	,9	Sand	bar	code	Government land
	11/2,9	912/1,912	/3,913,920	0/	PO_Jl	NR_ST_25,		
		/3,921/			ment	ioned in	the	
	1,922	,965,909/2	2(6-18)		appro	oved DSR.		
iv.	Wheth	er the mir	ning area i	S	No			
	less th	nan area	mentione	d				
	in the	e DSR,(If	yes) the	e				
	propos	sed mining	g area sha	II				
	be ear	marked ii	n the KM	L				
	file wit	h differen	t color.					
v.	i.	Area &	Quantit	У	i.	Area as pe	er Mine	e Plan and application
		details	as pe	r		proposal – 2.	40 Ha.	
		Mining	plan and	d		Quantity as	per App	roved Mine Plan - 28929
		proposal				TPA		
	ii.	Area	and	d	ii.	Area as per D	OSR – 2.4	Ю На.
		permissib	le			•		oved DSR – 65664 TPA
		-	details a	S		, , ,	• • •	
		per DSR						
vi.	Details	as per Mi	ning plan		Appro	ved by: Assist	ant Geol	ogist, Punjab bearing Letter
				no Glg/Pb/M.P/Burj Hassan/1281.				
				Date of Approval: 29.04.2023				
					Appro	ved Mining Le	ase Area	a: 2.40 Ha.

		Approved Mining Quantity: 28929 TPA Depth of Mining (m): 1 m					
vii.	Longitude & Latitude of	Pillar No.	Latitude	Longitude			
	the mining site	1.	30°58'40.26"N	75°37′24.59″E			
		2.	30°58'40.10"N	75°37′22.88″E			
		3.	30°58'40.26"N	75°37′21.33″E			
		4.	30°58'41.00"N	75°37′19.56″E			
		5.	30°58'41.12"N	75°37'19.47"E			
		6.	30°58'42.14"N	75°37'18.22"E			
		7.	30°58'42.32"N	75°37'18.18"E			
		8.	30°58'45.01"N	75°37'27.28"E			
		9.	30°58'45.03"N	75°37'29.20"E			
		10.	30°58'43.45"N	75°37'28.29"E			
		11.	30°58'42.24"N	75°37'27.47"E			
		12.	30°58'42.13"N	75°37'27.26"E			
		13.	30°58'40.87"N	75°37'26.04"E			
viii.	Details of cluster formation	No cluster is for Annexure 14	ormed, cluster lett	er is attached as			
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Government land	l.				
x.	Whether		e on 04-04-2023. Co	opy of demarcation			
	demarcation/erection of boundary pillars on the site has been done.	report submitted	•				
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the certificate dated 14.12.2022 issued by DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the PLPA Act					

		1900.
		Further, as per the Annexure-V of DSR (Pg-176), for the
		proposed mining site PO_JL_NR_ST_25, the DFO,
		Department of Forest and Wildlife, Punjab
		recommended the site with observations regarding the
		confirmation of the forest land only after demarcation
		of land.
xii.	Salient features of approved	Date of approval- 29-04-2023
	mining plans	Total Quantity-28929 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site	14
	when fully operational	
XV.	Total water requirement for	Domestic: 0.14 KLD
	domestic and other usage and	Dust Suppression: 0.20 KLD
	its source	Plantation: 1.20 KLD
		Total: 1.54 KLD
xvi.	Waste water generation and	Nil
	its disposal	
xvii.	Information regarding nos of	5 Tractor trollies per day
	truck/trollies per day for	Transportation route map submitted
	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.	
κνiii.	Activities to be undertaken	Submitted
	under EMP along with its	
	cost.	
xix.	Whether any Litigation is	No litigation is pending against the proposed mining
	pending against the proposed	site
	mining site, if yes the details,	
	thereof, be provided.	

i)	The Department shall provide No trees would be felled during mining activity
	details pertaining to No. of trees, if
	any, to be felled for carrying out

	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 0.75Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge 1.25 Km towards South- East
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 Cholle is 6.8 Km towards West.
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.
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	Submitted

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:

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

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 2.40 Ha for the quantity of 28929 TPA, which shall not exceed the quantity of 65664 Ton as per the approved DSR at Village Burj Hassan(Sidhara), Tehsil Phillaur, District Jalandhar, Punjab, subject to the conditions attached as **Annexure-1** along with special condition as under:

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

Item No. 254.04:

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

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

The Department has deposited requisite fee of Rs. 6260/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Mianwal/1546 dated 26.05.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

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

,	Correspondence address:	DMO Jalandhar  Executive Engineer cum District mining officer, Jalandhar Drainage Division, near
		Hoshiarpur Chowk, Jalandhar 7888512516 xenminingjal@gmail.com
ii)	Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434635/2023

iv)	Project Name & Location	Mianwal Sand Mining Project
		Village: Mianwal
		Tehsil- Phillaur
		District- Jalandhar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

## Details of the mining project are as under:

S.No.	Item		Details	
i.	Category of the Project as per	B2		
	the EIA notification dated			
	14.09.2006			
ii.	Hadbast No. of the Village	122		
iii.	Details of Khasra No. as under:			
	Khasra No. as per proposal		Khasra No. as per DSR	Name of owner of the land as per land NOC
	61//16,17,18/1,24,25,71//4/1,5 61//18/2,61//22,61//23, 6 63//17,24, 63//19/2(2-12), 63, 68//5(7-12)	33//18, 23,	Sand bar code PB- JL-NR-ST-13 and PB-JL-NR-ST-13B measuring total area of 4.02 Ha mentioned in the approved DSR.	Government Land
iv.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.	No		
V.	Area & Quantity details as per Mining plan and proposal	Area as per Mine Plan and application proposal -		on proposal – 3.13
	Area and permissible quantity details as per DSR	Area as per DSF	Approved Mine Plan R – 4.02 Ha. Approved DSR – 103	

vi.	Details as per Mining plan	Approved	by: Assistant Geo	logist. Puniab be	aring
	Sp.	1	Glg/Pb/M.P/Mian		. 0
			proval: 26.05.20	-	
			Mining Lease Are		
		1	_		
		' '	Mining Quantity:	34324 IPA	
		· ·	/lining (m): 3 m		
vii.	Longitude & Latitude of the	Pillar No.	Latitude	Longitude	
	mining site	1	31° 0'46.84"N	75°43'38.37"E	
		2	31° 0'46.46"N	75°43'38.41"E	
		3	31° 0'47.18"N	75°43'37.62"E	
		4	31° 0'48.85"N	75°43'35.67"E	
		5	31° 0'50.94"N	75°43'30.06"E	
		6	31° 0'51.89"N	75°43'26.28"E	
		7	31° 0'52.58"N	75°43'28.23"E	
		8	31° 0'53.50"N	75°43'29.89"E	
		9	31° 0'53.71"N	75°43'30.76"E	
		10	31° 0'53.72"N	75°43'31.77"E	
		11	31° 0'52.57"N	75°43'33.74"E	
		12	31° 0'50.62"N	75°43'35.80"E	
		13	31° 0'48.37"N	75°43'37.75"E	
			Block-13B ( 31° 0'55.03"N	<b>1)</b> 75°42'59.90"E	
		A	31° 0'52.55"N	75°42'59.83"E	
		B C	31° 0'53.20"N	75°43'9.17"E	
			Block-13B (		
		A'	31° 0'51.34"N	75°42'53.92"E	
		B'	31° 0'51.33"N	75°42'55.94"E	
		C'	31° 0'50.26"N	75°42'52.96"E	
viii.	Details of cluster formation	Certificate	to the effect	that cluster	is formed
		submitted;	however, the a	rea is 3.13 Ha w	hich is less
		than 5 Ha.	,		
ix.	Affidavit from the land owner	Governme	nt land		
174.	giving consent for carrying	Jovernine	iit iaiiu		
	out mining. (In case of Pvt				
	land)				
х.	Whether	Demarcati	on done on	10-04-2023.	Copy of
	demarcation/erection of	demarcation	on report submit	ted.	
	boundary pillars on the site				
	has been done.				
xi.	Status of clearance under	A copy o	f the certificate	dated 14.12.2022	2 issued by

	Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	DFO, Phillaur to the effect that the proposed mining site does not fall in the Eco-sensitive Zones of Wildlife Sanctuary & Conservation Reserves covered under Wildlife Protection Act 1972 and Punjab Wildlife Preservation Act 1959. Further, the proposed mining site does not fall under Section 4 & 5 of the PLPA Act 1900.  Further, as per the report of the Sub-Divisional Level Committee of Tehsil Phillaur, for the proposed mining sites mentioned as PO_JL_NR_ST_13, 13B the DFO, Department of Forest and Wildlife, Punjab mentioned that the site would be confirmed after the demarcation of the land.	
	Salient features of approved mining plans	Date of approval- 26-05-2023 Total Quantity-34524 tonnes	
xiii.	Method of mining	Opencast Semi-mechanized	
xiv.	No. of workers on the site when	·	
	fully operational		
xv.	Total water requirement for	Domestic: 0.50 KLD	
	domestic and other usage and	Dust Suppression: 0.20 KLD	
	its source	Plantation: 1.56 KLD	
		Total: 2.26 KLD	
xvi.	Waste water generation and its disposal	Nil	
xvii.	Information regarding nos of	Tractor Trolley shall be employed	
	truck/trollies per day for	Transportation route map submitted	
	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.		
kviii.	Activities to be undertaken	Submitted	
	under EMP along with its cost.		
xix.	Whether any Litigation is	No litigation is pending against the proposed mining	
	pending against the proposed	site	
	mining site, if yes the details,		

thereof, be provided.	
thereof, be provided.	

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 1.10Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 6.1 Km towards North-East
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 is 15.5 Km towards 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	excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.
		Noise-Mining is of open cast semi mechanized with

		deployment of light excavator. Therefore noise level
		too will not show any significant increase.
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:	

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Jalandhar. As per the said KML file, the proposed area of mining site measuring 3.13 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

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

S.No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)
1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	40,000	12,000
2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/ first aid kit etc.	50,000	20,000

5.	Additional Environmental Activities- Green Belt Development	1,57,000	70,000
	Total	4,47,000	1,77,000

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.13 Ha for the quantity of 34524 TPA, which shall not exceed the quantity of 103951.5 Ton as per the approved DSR at Village Mianwal, Tehsil Phillaur, District Jalandhar, Punjab, subject to the conditions attached as **Annexure-1** along with special condition as under:

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

Table Item:

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

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SAS Nagar Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at the mining site of Village Nagla, Tehsil Derabassi, District SAS Nagar (River-bed).

The Department has deposited requisite fee of Rs. 2120/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & depositing of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P./Tangri-2/1361 dated 08.05.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 07.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO SAS Nagar
	Lorrespondence address:	Plot No. B-65, Phase 7 B, Industrial Area, S.A.S Nagar Mohali, 160055
		9872997779
	Mobile No: Email ID:	xenminingmohali@gmail.com
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)
	Mobile No.	Ltd.
	Email ID	0120-4044630
		info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/429451/2023
iv)	Project Name & Location	Tangri-2 Sand Mining Project
		Village: Nagla

		Tehsil- Derabassi District- SAS Nagar, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

# Details of the mining project are as under:

S.No.	Item		De	tails
i.	Category of the Project as	per	B2	
	the EIA notification d	ated		
	14.09.2006			
ii.	Hadbast No. of the Village		168	
iii.	Details of Khasra No. as unde	er:		
	Khasra No. as per	Kha	sra No. as per DSR	Name of owner of the
	proposal			land as per land NOC,
				DSR and Jamabandi
	1358, 1394, 1395, 1396,	Sand	d bar code PB-SAS-	Gram Panchayat Land
	1421, 1422, 1423,	Tan	gri-02 mentioned in the	-
	1425/2, 1432/2, 1433,	DSR	. However, no khasra no	
	1605, 1606, 1607, 1612,	khas	sra No. have been	
	1613	mer	ntioned.	
iv.	Whether the mining area	is	No	
	less than area mentioned	in		
	the DSR,(If yes) the propose	ed		
	mining area shall b	e		
	earmarked in the KML fi	le		
	with different color.			
V.	i. Area & Quantity detai	ils	Area as per Mine Plan – 0.	.95 Ha.
	as per Mining plan ar	nd	Quantity as per Approved	Mine Plan - 7311 TPA
	proposal			
	ii. Area and permissib	le	Area as per DSR – 1.45 Ha	
	quantity details as po	er	Quantity as per Approved	DSR – 16172.26 MT
	DSR			
vi.	Details as per Mining plan		Approved by: Assistant Ge	
			Letter no Glg/Pb/M.P/Tan	gri-2/361.
			Date of Approval: 08.05.2	2023
			Approved Mining Lease A	
			Approved Mining Quantity	y: 7311 TPA

		Depth of Mining (m): 1 m		
vii.	Longitude & Latitude of the	Pillar No.	Latitude	Longitude
	mining site	A.	30°24'7.84"N	76°54'3.01"E
		В.	30°24'1.26"N	76°54'2.37"E
		C.	30°23'57.78"N	76°54'3.82"E
		D.	30°23'51.27"N	76°54'5.73"E
		E.	30°23'47.97"N	76°54'6.36"E
		F.	30°23'44.19"N	76°54'7.74"E
		G.	30°23'44.19"N	76°54'6.84"E
		H.	30°23'48.00"N	76°54'5.94"E
		I.	30°23'49.20"N	76°54'5.66"E
		J.	30°23'57.52"N	76°54'3.33"E
		K.	30°24'2.26"N	76°54'1.74"E
		L.	30°24'7.84"N	76°54'2.51"E
viii.	Details of cluster formation	No cluster is f	formed, cluster letter	is submitted
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC sub	omitted	
x.	Whether demarcation/erection of boundary pillars on the site has been done.		done on 03-02 report submitted	2-2023. Copy of
xi.	Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be SAS Nagar (22- PB- in the area notifie 1900 and in the eco of the any sanctuar Further, DFO, SAS 13.12.2022 addres		certificate issued by wherein it has been not village Nagla, Tehsilo 22- PB-SAS-Tangri-02 notified under section the eco-sensitive zotanctuary and conservator, SAS Nagar letter addressed to Depathat the permission under the second se	nentioned that the Derabassi, District 2) does not include on-4 & 5 of PLPA, ne and as not part ation reserve.  r no. 5900 dated ortment of Mining

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

i)	The Department shall provide	No trees would be felled during mining activity
	details pertaining to No. of trees, if	
	any, to be felled for carrying out	
	mining activity.	
ii)	The Department shall earmark,	Distance from nearest habitation is 0.20Km.
	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.	
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge 3.0 Km towards North- East
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 Tangri 5 is 1.40 Km towards South-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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.
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	Submitted

case of semi-mechanized mining.

Any of the following additional environmental activities may be undertaken as a part of EMP:

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

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for

carrying out mining of minor minerals (sand) in the area of 0.95 Ha for the quantity of 7311 TPA, which shall not exceed the quantity of 16172.26 Ton as per the approved DSR at Village Nagla, Tehsil Derabassi, District SAS Nagar, Punjab, subject to the conditions attached as **Annexure-1.** 

Item No. 254.05:

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

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Tarn Taran Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village Jhugian Peer Baksh(Riverbed site), Tehsil Patti, District Tarn Taran, Punjab.

The Department has deposited requisite fee of Rs. 7960/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Jhugian Peer Baksh/1053 dated 10.04.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Tarn Taran
	Correspondence address: Mobile No: Email ID:	Office Of Executive Engineer/ Tarn-Taran Drainage-Cum-Mining & Geology Division, Tarn-Taran. Canal Complex, Near Railway Station. Amritsar, 143001 9872997779
		xenminingmohali@gmail.com
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)
	Mobile No.	Ltd.
	Email ID	0120-4044630
		info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434625/2023

iv)	Project Name & Location	Jhugian Peer Baksh Sand Mining Project
		Village: Jhugian Peer Baksh
		Tehsil- Patti
		District- Tarn Taran, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

S.N	Item		Details	
о.				
i.	Category of the Project as per	B2		
	the EIA notification dated			
	14.09.2006			
ii.	Hadbast No. of the Village	336		
iii.	Details of Khasra No. as under:			
	Khasra No. as per proposal	Khasra	Khasra No. as per consent of	Name
		No. as	land	of
		per DSR		owner
				of the
				land as
				per
				land
				NOC
	10.//	Carallian	40.77	NA - la - la '
	19 // 6,7,12,13,14,15,16,17,18,19,23,	Sand bar code PB-	19 // 6,7,12,13,14,15,16,17,18,19,23,	Mahabi r Singh
	24,25	TT-SUT-	24,25	Nirmal
	2 1,23	03	2 1,23	Singh
		mentione		Balbir
		d in the		Singh
		approved		Jaswan
		DSR.		t Singh
		However,		Jagtar
		no khasra		Singh
		No. have		Sawind
		been mentione		er Singh
		d.		JIIIgII
iv.	Whether the mining area is	No No		1

V.	less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.  i. Area & Quantity details as per Mining plan and proposal		per Mine Plan and Pro y as per Approved Min	•
	ii. Area and permissible quantity details as per DSR		per DSR – 8.97 Ha. y as per Approved DSR	R – 155545.91 TPA
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Jhugian Peer Baksh/1053.  Date of Approval: 10.04.2023  Approved Mining Lease Area: 3.98 Ha.  Approved Mining Quantity: 58009 TPA  Depth of Mining (m): 1 m		053. a.
vii.	Longitude & Latitude of the	Pillar No.	Latitude	Longitude
	mining site	A.	31° 7'40.88"N	74°45'37.48"E
		В.	31° 7'34.87"N	74°45'37.49"E
		C.	31° 7'33.36"N	74°45'33.13"E
		D.	31° 7'33.67"N	74°45'30.00"E
		E.	31° 7'35.03"N	74°45'29.97"E
		F.	31° 7'35.14"N	74°45'28.34"E
		G.	31° 7'36.14"N	74°45'27.43"E
		H.	31° 7'36.84"N	74°45'27.32"E
		I.	31° 7'40.83"N	74°45'36.49"E
viii.	Details of cluster formation	No cluster is fo	rmed, cluster letter is	submitted.
	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC subr		
х.	Whether demarcation/erection of	Demarcation deport Submitt	lone on 16-06-2023. ( ed	Copy of demarcation

	h 1	
	boundary pillars on the site	
	has been done.	
xi.	Status of clearance under	A copy of certificate issued by DFO, Amritsar
	Forest Conservation Act,	submitted wherein it has been mentioned that the
	1980, Wildlife Protection Act	village namely Radhalke, Ram Singh wala, Jhungia
	1972 as the case may be	Peer Baksh (PB-TT-SUT-3) does not include in the
		area notified under section 4 & 5 of PLPA, 1900 and
		in the eco-sensitive zone and are not part of the any
		sanctuary and conservation reserve.
xii.	Salient features of approved	Date of approval- 10-04-2023
	mining plans	Total Quantity-58009 tonnes
xiii.	Method of mining	Semi-mechanized
xiv.	No. of workers on the site	21
	when fully operational	
xv.	Total water requirement for	Domestic: 0.21 KLD
	domestic and other usage and	Dust Suppression: 0.20 KLD
	its source	Plantation: 1.99 KLD
		Total: 2.40 KLD
xvi.	Waste water generation and its	Nil
	disposal	
κvii.	Information regarding nos of	Transportation of RBM from mine will be done by
	truck/trollies per day for	dumpers having carriage capacity of appx. 20 tonnes or
	carrying the excavated material	as per availability of trucks and trolleys. Transportation
	on the proforma prescribed in	route map submitted.
	the DSR and map showing the	
	transportation route with	
	proper earmarking of katcha,	
	pakka road and ROW.	
viii.	Activities to be undertaken	Submitted.
	under EMP along with its cost.	
xix.	Whether any Litigation is	Submitted.
	pending against the proposed	
	mining site, if yes the details,	
	thereof, be provided.	
_		

i)	The Departme	nt shall	provide	No trees would be felled during mining activity
	details pertainir	g to No.	of trees,	

	if any, to be felled for carrying out 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 0.95Km.			
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Minor Bridge 1.15 Km towards South- East			ards South-
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 Toot is 0.75 Km towards WSW.			
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.			
		<b>Noise-</b> Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.			
vi)	The Department/Project Proponent shall include in the EMP, the additional	S.No	Particulars	Capital Cost (Rs)	Recurring Cost (Rs)

environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	12,200	3660
mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be	2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
undertaken as a part of EMP:	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
	5	Additional Environment Activities(Green Belt Development)	1,99,000	90,000
		Total	4,61,200	1,88,660

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.98 Ha for the quantity of 58009

TPA, which shall not exceed the quantity of 155545.91 Tonnes as per the approved DSR at Village Jhugian Peer Baksh, Tehsil Patti, District Tarn Taran, Punjab, subject to the conditions attached as **Annexure-1**.

Item No. 254.06:

Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Sabhra-3, Tehsil Patti & District Tarn Taran, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Jalandhar. (Proposal No. SIA/PB/MIN/434618/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Tarn Taran Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village Sabhra-3(River bed site), Tehsil Patti & District Tarn Taran, Punjab.

The Department has deposited requisite fee of Rs. 3680/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Sabhra-3/1455 dated 17.05.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Tarn Taran
	Mobile No: Email ID:	Office Of Executive Engineer/ Tarn-Taran Drainage-Cum-Mining & Geology Division, Tarn-Taran. Canal Complex, Near Railway Station. Amritsar, 143001 9872997779 xenminingmohali@gmail.com
ii)	Consultant	Grass Roots Research and Creation (P) Ltd. 0120-4044630
	Mobile No.	info@grc-india.com
iii)		SIA/PB/MIN/434618/2023

iv)	Project Name & Location	Sabhra 3 Sand Mining Project Village: Sabhra Tehsil- Patti District- Tarn Taran, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

S.No.	Item		Details		
i.	Category of the Project as per the EIA notification dated 14.09.2006	r B2			
ii.	Hadbast No. of the Village	190			
iii.	Details of Khasra No. as unde	r:			
	proposal	Khasra No. as per DSR	Khasra No. as per consent of land	Name of owner of the land as per land NOC	
	,18/1 , 18/2, 19/1	Sand bar code PB-TT-SUT-12 measuring total area of 22.3 Ha mentioned in the approved DSR.	489//4,5,6,7,13,12/1,12/2 ,18/1 , 18/2, 19/1	Balwinder Kaur Balwinder Singh Lakhwinder Singh Rajinder Kaur Lakhwinder Kaur Gurpreet Singh Gill Sital Singh Kulwant Kaur	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining	No			

	area shall be earmarked in the KML file with different color.					
v.	iii. Area & Quantity	Area as per M	1ine Plan – 1.84 Ha.			
	details as per Mining plan and proposal	Quantity as per Approved Mine Plan - 16947 TPA  Area as per DSR – 22.3 Ha.				
	iv. Area and	Quantity as p	er Approved DSR – 3	45425.57 TPA		
	permissible					
	quantity details as					
	per DSR					
vi.	Details as per Mining plan	Approved by:	Assistant Geologist,	Punjab bearing		
		Letter no Glg	/Pb/M.P/Sabhra 3/14	<b>1</b> 55.		
		Date of Appro	oval: 17.05.2023			
		Approved Mi	ning Lease Area: 1.84	I На.		
		Approved Mi	ning Quantity: 16947	TPA		
		Depth of Min	ing (m): 1 m			
vii.	Longitude & Latitude of	Pillar No.	Latitude	Longitude		
	the mining site	1.	31°9'09.72"N	74°52'22.24"E		
		2.	31°9'12.26"N	74°52'20.30"E		
		3.	31°9'12.35"N	74°52'17.25"E		
		4.	31°9'8.34"N	74°52'17.21"E		
		5.	31°9'8.33"N	74°52'13.70"E		
		6.	31°9'5.48"N	74°52'13.67"E		
		7.	31°9'5.54"N	74°52'14.09"E		
		8.	31°9'6.31"N	74°52'15.49"E		
		9.	31°9'7.73"N	74°52'16.66"E		
		10.	31°9'8.93"N	74°52'18.48"E		
		11.	31°9'9.21"N	74°52'20.61"E		
		12.	31°9'9.43"N	74°52'21.05"E		
		13.	31°9'9.39"N	74°52'21.76"E		
viii.	Details of cluster	a) Certificate	e to the effect that	cluster is formed		
	formation	submitted	l			

		b) Besides above, an undertaking to the effect that no cluster is being formed submitted.
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted
X.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 03-02-2023. Copy of demarcation report submitted.
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of certificate issued by DFO, Amritsar submitted wherein it has been mentioned that the village namely Sabhra Gullewal (PB-TT-SUT-12) measuring area 12.74 Ha does not include in the area notified under section 4 & 5 of PLPA, 1900 and in the eco-sensitive zone and are not part of the any sanctuary and conservation reserve.
xii.	Salient features of approved mining plans	Date of approval- 17-05-2023 Total Quantity-16947 tonnes
xiii.	Method of mining	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational	<u> </u>
XV.	Total water requirement for domestic and other usage and its source	Domestic: 0.18 KLD  Dust Suppression: 0.20 KLD  Plantation: 0.92 KLD  Total: 1.30 KLD
xvi.	Waste water generation and its disposal	Nil
xvii.	Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with	Transportation of RBM from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted.
	proper earmarking of katcha, pakka road and ROW.	

xviii.	Activities to be undertaken		S. No.	Description	Total Cost to be	
	under EMP along with its				Incurred	
	cost.					
					(in Rs)	
			1	Water Sprinkling	1,00,000	
				Measures		
			2	Haul Road and	3,00,000	
				other Roads		
				Repair		
			3	Greenbelt	2,31,000	
				Development(with		
				tree guards)		
				TOTAL	6,31,000	
xix.	Whether any Litigation is	No	o litigation i	is pending against	the proposed mi	ning
	pending against the proposed	sit	:e			
	mining site, if yes the details,					
	thereof, be provided.					

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out 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 2.80Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand	Distance from Minor Bridge 6.0 Km towards South- East

	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 Jaloke is 7.70 Km towards North-West.			
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	excavation, loading, transportation, hau operation & handling of the mineral. This will lobo to momentary rise in the particulate matter (PM: As such there will be no noticeable impact on				
		deployment of light excavator. Therefore noise level too will not show any significant increase.				
vi)	The Department/Project Proponent shall include in the	S.No	Activity	Capital Cost(In Rs)		
	environmental activities to be	1.	Solar lamp distribution in	4 00 000		
1			nearby villages	1,00,000		
	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	2.	·	50,000		
	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	3.	nearby villages  Provide drinking water facility in surrounding villages and schools by constructing water tanks at			
	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		nearby villages  Provide drinking water facility in surrounding villages and schools by constructing water tanks at schools  Construction of mobile	50,000		
	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	3.	nearby villages  Provide drinking water facility in surrounding villages and schools by constructing water tanks at schools  Construction of mobile toilets/septic tanks  Plantation of trees with	50,000		

During meeting, the Committee observed that total area mentioned as 22.3 Ha, against the sand bar code PB-TT-SUT-12 as per the approved DSR of District Tarn Taran. However, as per the Sub-Divisional Committee report of Tehsil Patti, the area recommended for carrying out

mining has been mentioned as 12.74 Ha against the same sand bar code. The Committee asked the Department to check the same.

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

- 1. The Project Proponent shall check the details of area & quantity mentioned in the approved DSR against sand bar code PB-TT-SUT-12 with the Sub-Divisional Committee report and submit the revised proposal.
- 2. The Project Proponent shall submit the documentary proof regarding demarcation of the proposed site.
- 3. The Project Proponent shall submit the revised EMP after incorporating the activities under Additional Environmental Activities.

### Item No. 254.07:

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

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

The Department has deposited requisite fee of Rs. 2200/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Akkuwala/1566 dated 29.05.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Ferozepur		
	Correspondence address: Mobile No: Email ID:	Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur		
		8146687777		
		xengolewala@rediffmail.com		
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)		
		Ltd.		
	Mobile No.	0120-4044630		
	Email ID	info@grc-india.com		
iii)	Online Proposal No.	SIA/PB/MIN/434418/2023		

iv)	Project Name & Location	Akkuwala Sand Mining Project
		Village: Akkuwala
		Tehsil- Ferozepur
		District- Ferozepur, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

S.No.	Item			Details				
i.	Category of the Proje	ect as per	B2					
	the EIA notification d	ated						
	14.09.2006							
ii.	Hadbast No. of the V	illage	40					
iii.	Details of Khasra No.	as under:	•					
	Khasra No. as	Khasra N	No. as	Khasra No. as per	Name of owner of			
	per proposal	per DSR		consent of land	the land as per			
					land NOC			
	10//17/2(4-	10//17/2(4	4-16),	10//17/2(4-16),18(6-	Kulbir Singh and			
	16),18(6-0),19(1-	18(6-0),19	. ,,	0),19(1-16),22(7-16),	Ors			
	16),22(7-16),	22(7-16),2		23(7-11),24/2 (1-15)				
	23(7-11),24/2 (1- 15)	24/2(1- 15	) )					
iv.	Whether the mining	area is	No					
	less than area mention	oned in						
	the DSR,(If yes) the p	roposed						
	mining area shall be							
	earmarked in the KM							
	with different color.							
V.	Area & Quantity deta	ils as per	Area as	per Mine Plan – 1.10 Ha	i.			
	Mining plan and propo	sal	Quantity as per Approved Mine Plan - 21642 TPA					
	Area and permissible	quantity	Area as per DSR – 1.5 Ha.					
	details as per DSR	' '	'	•	42760 TDA			
vi.	·	nlan		as per Approved DSR –				
VI.	Details as per Mining	pian	• •	ed by: Assistant Geologis	, ,			
				o Glg/Pb/M.P/Akkuwala	/1566.			
				Approval: 29.05.2023	40.11			
			Approve	d Mining Lease Area: 1.	10 Ha.			

		Approved Mining Quantity: 21642 TPA					
		De	Depth of Mining (m): 3 m				
vii.	Longitude & Latitude of the		Pillar	Latitude	Longitude		
	mining site		No.				
			1.	31° 1'30.98"N	74°40'0.38"E		
			2.	31° 1'32.70"N	74°40'5.42"E		
			3.	31° 1'32.69"N	74°40'6.79"E		
			4.	31° 1'30.57"N	74°40'6.81"E		
			5.	31° 1'30.56"N	74°40'5.45"E		
			6.	31° 1'29.63"N	74°40'5.41"E		
			7.	31° 1'29.69"N	74°40'0.21"E		
viii.	Details of cluster formation	No	cluster is	s formed, cluster lett	er is submitted.		
ix.	Affidavit from the land owner	La	nd NOC s	ubmitted			
	giving consent for carrying						
	out mining. (In case of Pvt						
	land)						
Х.	Whether	Demarcation done on 08-12-2022. Co					
	demarcation/erection of	demarcation report Submitted					
	boundary pillars on the site						
	has been done.						
xi.	Status of clearance under	A c	copy of th	e letter issued by DF	O Ferozepur vide no.		
	Forest Conservation Act,	57	62 dated	12.12.2022 along	with the list of the		
	1980, Wildlife Protection Act	vill	lages, who	erein the mining can	be carried out or not		
	1972 as the case may be	sul	bmitted. I	n the said list, it has	been mentioned that		
	,	De	partment	of Forest & Wildlif	e has no objection if		
			•		I carry out mining in		
			•	J	d area 3.71 acre (1.5		
		На	_				
xii.	Salient features of approved	Da	te of appr	oval- 29-05-2023			
	mining plans	Tot	tal Quanti	ty-21642 tonnes			
xiii.	Method of mining	Or	pencast Se	emi-mechanized			
xiv.	No. of workers on the site when	16	· _				
	fully operational						
XV.	Total water requirement for	D	omestic:	0.20 KLD			
	domestic and other usage and		ust Supp	ression: 0.10 KLD			
	its source	Р	lantation	: 0.55 KLD			
		Т	otal: 0.	85 KLD			
xvi.	Waste water generation and its	Ni	I				
	disposal						
		•					

xvii.	Information regarding nos of Transportation of RBM from mine will be done by
	truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes
	carrying the excavated material or as per availability of trucks and trolleys.
	on the proforma prescribed in Transportation route map submitted.
	the DSR and map showing the
	transportation route with
	proper earmarking of katcha,
	pakka road and ROW.
xviii.	Activities to be undertaken Submitted.
	under EMP along with its cost.
xix.	Whether any Litigation is No litigation is pending against the proposed mining
	pending against the proposed site
	mining site, if yes the details,
	thereof, be provided.

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out 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 0.80Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 2.70 Km towards South-West
iv)	In case, the proposed mining site does not include in a cluster, the Department shall earmark on the	Distance from the nearest mining site is 8.62 Km towards South-East.

	KML file, the distance from the nearest mining site.				
v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.			
vi)	roponent 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:	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	Capital Cost(Rs)	Recurring Cost(Rs)
		2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
		3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
		4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
		5	Additional Environment Activities(Green Belt Development)	55,000	20,000

	Total	3,06,000	1,15,300	

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.10 Ha for the quantity of 21642 TPA, which shall not exceed the quantity of 42768 Tonnes as per the approved DSR at Village Akkuwal, Tehsil & District Ferozepur, Punjab, subject to the conditions attached as **Annexure-2.** 

Item No. 254.08:

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

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

The Department has deposited requisite fee of Rs. 7600/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Mamdot Uttar/1540 dated 26.05.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Ferozepur
	Correspondence address:	Office Of Executive Engineer/Ferozepur Drainage- Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur
	Email ID:	8146687777
		xengolewala@rediffmail.com
ii)	Name of Environmental	Grass Roots Research and Creation (P) Ltd.
	Consultant Mobile No.	0120-4044630
		info@grc-india.com
	Email ID	
iii)	Online Proposal No.	SIA/PB/MIN/434433/2023

iv)	Project Name & Location	Mamdot Uttar Sand Mining Project	
		Village: Mamdot Uttar	
		Tehsil- Ferozepur	
		District- Ferozepur, Punjab	
v)	Project/activity covered under item	1(a) Mining of Minor Minerals	
,	of scheduled to the EIA	( )	
	Notification,14.09.2006		

S.No.	Item		Details			
i.	Category of the Proje	ect as per	B2			
	the EIA notification d	lated				
	14.09.2006					
ii.	Hadbast No. of the V	illage	305			
iii.	Details of Khasra No.	as under:				
	Khasra No. as	Khasra N	lo. as	Khasra No. as per	Name of owner of	
	per proposal	0),17(7- (8- 0), 23/2(2-16) 75//20(8- 0), 21(8-0) 77//4(8- 14(8-0), 0), 6(8-0), 7(8-0),		consent of land	the land as per land NOC.	
	74//16(8-0),17(7- 0),75//20(8- 0),21(8- 0),77//4(8-0),6(8- 0),7(8-0), 14(8-0), 15(4-0), 5(8-0)			0),75//20(8-0),21(8- 0),77//4(8-0),6(8- 0),7(8-0), 14(8-0),	Hardeep Singh Surjit Singh	
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.		No			
	Area & Quantity deta	ils as per	Area as per Mine Plan – 3.80 Ha.			
	Mining plan and propo	sal	Quantity as per proposal - 38472 TPA			
	Area and permissible q details as per DSR	• • •		oer DSR – 3.94 Ha.	-	
V.	Details as per Mining	plan	Approve	d by: Assistant Geologis	t, Punjab bearing	

		Letter no Glg/Pb/M.P/Mamdot Uttar/1540.  Date of Approval: 26.05.2023  Approved Mining Lease Area: 3.80 Ha.  Approved Mining Quantity: 38472 TPA  Depth of Mining (m): 3 m				
vi.	Longitude & Latitude of the	Pillar	Latitude	Longitude		
	mining site	No.				
		A.	30°51'23.40"N	74°26'16.24"E		
		В.	30°51'23.30"N	74°26'23.72"E		
		C.	30°51'21.48"N	74°26'22.66"E		
		D.	30°51'19.60"N	74°26'22.49"E		
		E.	30°51'19.55"N	74°26'21.19"E		
		F.	30°51'15.74"N	74°26'20.80"E		
		G.	30°51'15.68"N	74°26'19.79"E		
		H.	30°51'13.79"N	74°26'19.62"E		
		1.	30°51'13.79"N	74°26'16.05"E		
		J.	30°51'19.70"N	74°26'16.16"E		
		K.	30°51'19.65"N	74°26'18.66"E		
		L.	30°51'21.55"N	74°26'18.80"E		
		M.	30°51'21.58"N	74°26'16.14"E		
vii.	Details of cluster formation	No cluste	er is formed, cluster le	etter is attached.		
viii.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NO	C submitted.			
ix.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 22-12-2022. Copy of demarcation report Submitted.				
X.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not submitted. In the said list, it has been mentioned that Department of Forest & Wildlife has				

no objection if the Department of Mining shall carry out mining in the Village Mamdot Uttar in the land area 9.74 acre.  xi. Salient features of approved Date of approval- 26-05-2023 mining plans Total Quantity-38472 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source Plantation: 1.90 KLD  xv. Waste water generation and its disposal  xvi. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviiii. Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.			
xi. Salient features of approved Date of approval- 26-05-2023 mining plans Total Quantity-38472 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source Plantation: 1.90 KLD  xv. Waste water generation and its disposal  xvi. Information regarding nos of Transportation of RBM from mine will be done by 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.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,			no objection if the Department of Mining shall carry
xi. Salient features of approved mining plans  xii. Method of mining  Xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source  Xiii. Waste water generation and its disposal  Xiv. Waste water generation and its disposal  Xiv. Information regarding nos of Transportation of RBM from mine will be done by 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.  Xvii. Activities to be undertaken under EMP along with its cost.  Xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,			out mining in the Village Mamdot Uttar in the land
mining plans  xii. Method of mining  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source  XV. Waste water generation and its disposal  xvi. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes 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.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,			area 9.74 acre.
xii. Method of mining  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source  xv. Waste water generation and its disposal  xvi. Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,	xi.	Salient features of approved	Date of approval- 26-05-2023
xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and its source  XV. Waste water generation and its disposal  XVI. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. On the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  XVII. Activities to be undertaken under EMP along with its cost.  XVIII. Whether any Litigation is pending against the proposed mining site, if yes the details,		mining plans	Total Quantity-38472 tonnes
fully operational  xiv. Total water requirement for domestic and other usage and its source  Xv. Waste water generation and its disposal  xvi. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  Xvii. Activities to be undertaken under EMP along with its cost.  Xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,	xii.	Method of mining	Opencast Semi-mechanized
xiv. Total water requirement for domestic and other usage and its source  xv. Waste water generation and its disposal  xvi. Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,	xiii.	No. of workers on the site when	24
domestic and other usage and its source  Plantation: 1.90 KLD  Total: 2.20 KLD  XV. Waste water generation and its disposal  XVI. Information regarding nos of Transportation of RBM from mine will be done by 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.  XVII. Activities to be undertaken under EMP along with its cost.  XVIII. Whether any Litigation is pending against the proposed mining site, if yes the details,		fully operational	
its source  Plantation: 1.90 KLD  Total: 2.20 KLD  XV. Waste water generation and its disposal  XVI. Information regarding nos of transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. On the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  XVII. Activities to be undertaken under EMP along with its cost.  XVIII. Whether any Litigation is pending against the proposed mining site, if yes the details,	xiv.	Total water requirement for	Domestic: 0.20 KLD
xv. Waste water generation and its disposal  xvi. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. On the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		domestic and other usage and	Dust Suppression: 0.10 KLD
xvi. Unformation regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. On the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		its source	Plantation: 1.90 KLD
xvi. Information regarding nos of Transportation of RBM from mine will be done by truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,			Total: 2.20 KLD
xvi. Information regarding nos of truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,	XV.	Waste water generation and its	Nil
truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes carrying the excavated material or as per availability of trucks and trolleys. On the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		disposal	
carrying the excavated material or as per availability of trucks and trolleys. on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,	xvi.	Information regarding nos of	Transportation of RBM from mine will be done by
on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		truck/trollies per day for	dumpers having carriage capacity of appx. 20 tonnes
the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		carrying the excavated material	or as per availability of trucks and trolleys.
transportation route with proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		on the proforma prescribed in	Transportation route map submitted.
proper earmarking of katcha, pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		the DSR and map showing the	
pakka road and ROW.  xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		transportation route with	
xvii. Activities to be undertaken under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,		proper earmarking of katcha,	
under EMP along with its cost.  xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,  No litigation is pending against the proposed site		pakka road and ROW.	
xviii. Whether any Litigation is pending against the proposed mining site, if yes the details,  No litigation is pending against the proposed mining site	xvii.	Activities to be undertaken	Submitted.
pending against the proposed site mining site, if yes the details,		under EMP along with its cost.	
mining site, if yes the details,	xviii.	Whether any Litigation is	No litigation is pending against the proposed mining
			site
thereof, be provided.		mining site, if yes the details,	
		thereof, be provided.	

i)	The Department shall provide No trees would be felled during mining activity
	details pertaining to No. of trees,
	if any, to be felled for carrying out
	mining activity.
ii)	The Department shall earmark, Distance from nearest habitation is 2.00Km.
	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.				
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 1.80 Km towards South-East			
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 is 28.60 Km towards West.			
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.			operation & mentary rise are will be no dry months, anized with
vi)	The Department/Project Proponent shall include in the EMP, the additional	S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)
	environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	7000	2100
	mining and @ Rs. 1.50/ton in case of semi-mechanized mining.  Any of the following additional environmental activities may be	2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000

undertaken as a part of EMP:	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
	5	Additional Environment Activities(Green Belt Development)	1,90,000	80,000
		Total	4,47,000	1,77,100

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.80 Ha for the quantity of 38472 TPA, which shall not exceed the quantity of 107656.56 Tonnes as per the approved DSR at Village Mamdot Uttar, Tehsil & District Ferozepur, Punjab subject to the conditions attached as **Annexure-2.** 

### Item No. 254.09:

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

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

The Department has deposited requisite fee of Rs. 1860/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Gillewala /1680 dated 07.06.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

• •	DMO Ferozepur
Mobile No: Email ID:	Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
	Grass Roots Research and Creation (P)
	Ltd.
Mobile No.	0120-4044630
Email ID	info@grc-india.com
Online Proposal No.	SIA/PB/MIN/434489/2023
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Correspondence address: Mobile No: Imail ID:  Name of Environmental Consultant  Mobile No.  Email ID

iv)	Project Name & Location	Gillanwala Sand Mining Project
		Village: Gilllanwala
		Tehsil- Ferozepur
		District- Ferozepur, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

S.No.	Item				Details		
i.	Category of the Proje	ect as per	B2				
	the EIA notification d	ated					
	14.09.2006						
ii.	Hadbast No. of the V	illage	121				
iii.	Details of Khasra No.	etails of Khasra No. as under:					
	Khasra No. as	Khasra N	lo. as	Khasra No.	as per	Name of owner of	
	per proposal	per DSR		consent of I	and	the land as per land NOC	
	27//16/2(1-7), 23/1(6-0), 25(8-0), 38//3(2-2)	27//16/2(2 23/1(6- 0), 38//3(2-2)	,25(8-0)	27//16/2(1- 23/1(6-0), 38//3(2-2)	-	Major Singh	
iv.	Whether the mining	area is	No	<b>!</b>			
	less than area mention	oned in					
	the DSR,(If yes) the p	roposed					
	mining area shall be						
	earmarked in the KM	L file					
	with different color.						
٧.	Area & Quantity deta	ils as per	Area as	per Mine Plar	n – 0.93 Ha		
	Mining plan and propo	sal	Quantity as per Approved Mine Plan - 22097 TPA				
	Area and permissible q details as per DSR	uantity	Area as per DSR – 2.09 Ha.  Quantity as per Approved DSR – 49658.4 TPA				
٧.	Details as per Mining	plan	Approved by: Assistant Geologist, Punjab bearing				
			Letter no Glg/Pb/M.P/Gillanwala/1680.				
			Date of Approval: 07.06.2023				
			Approve	d Mining Lea	se Area: 0.	93 Ha.	

vi. Longitude & Latitude of the mining site    Pillar   Latitude   Longitude			Approved Mining Quantity: 22097 TPA			
mining site    No.   Block-A			Depth of Mining (m): 3 m			
8.   30°57'56.98"N   74°39'31.65"E   9.   30°57'56.92"N   74°39'34.24"E   10.   30°57'54.49"N   74°39'34.24"E   11.   30°57'54.49"N   74°39'31.72"E   12.   30°57'55.31"N   74°39'21.723"E   13.   30°57'55.261"N   74°39'27.23"E   14.   30°57'55.261"N   74°39'27.21"E   15.   30°57'55.65"N   74°39'27.21"E   16.   30°57'55.65"N   74°39'27.21"E   17.   30°57'55.65"N   74°39'27.21"E   18.   30°57'55.65"N   74°39'27.21"E   19.   30°57'55.261"N   74°39'27.	vi.			Latitude	Longitude	
9.   30°57'56.92"N   74°39'34.24"E   10.   30°57'54.49"N   74°39'34.39"E   11.   30°57'54.51"N   74°39'31.72"E			Block-A			
9.   30°57'56.92"N   74°39'34.24"E   10.   30°57'54.49"N   74°39'34.39"E   11.   30°57'54.51"N   74°39'31.72"E			8.	30°57'56.98"N	74°39'31.65"E	
11.   30°57°54.51"N   74°39°31.72"E   Block-B   12.   30°57°55.31"N   74°39°27.23"E   13.   30°57°55.261"N   74°39°27.23"E   14.   30°57°52.61"N   74°39°29.40"E   15.   30°57°53.65"N   74°39°27.21"E   15.   16.   30°57°53.65"N   74°39°27.21"E   15.   16.   30°57°53.65"N   74°39°27.21"E   15.   30°57°53.65"N   74°39°27.21"E   15.   16.   1			9.			
Block-B   12.   30°57'55.31"N   74°39'27.23"E   13.   30°57'55.29"N   74°39'29.40"E   14.   30°57'52.61"N   74°39'29.40"E   15.   30°57'53.65"N   74°39'27.21"E   15.   30°57'53.65"N   74°39'27.21"E   15.   30°57'53.65"N   74°39'27.21"E   16.   30°57'53.65"N   74°39'27.21"E   17.   30°57'53.65"N   74°39'27.22"E   17.   30°57'53.65"N			33 37 33 32 11 7 1 33 3 11 2 1			
12.   30°57'55.31"N   74°39'27.23"E   13.   30°57'55.29"N   74°39'29.40"E   14.   30°57'55.261"N   74°39'29.40"E   15.   30°57'53.65"N   74°39'29.40"E   15.   30°57'53.65"N   74°39'27.21"E   15.   30°57'53.65"N   74°39'2			11.	30°57'54.51"N	74°39'31.72"E	
13.   30°57'55.29"N   74°39'29.40"E   14.   30°57'55.261"N   74°39'29.40"E   15.   30°57'53.65"N   74°39'27.21"E				Block-B		
vii. Details of cluster formation  viii. Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)  Whether Demarcation done on 12-12-2022. Copy of demarcation/erection of boundary pillars on the site has been done.  X. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  xii. Method of mining  xiv. Total water requirement for domestic and other usage and  No cluster is formed, cluster letter is submitted.  No cluster is formed, cluster letter is submitted.  Land NOC submitted  Demarcation done on 12-12-2022. Copy of demarcation report Submitted  A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when 16 fully operational  xiv. Total water requirement for domestic and other usage and			12.	30°57'55.31"N	74°39'27.23"E	
vii. Details of cluster formation  viii. Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)  Whether  ix. demarcation/erection of boundary pillars on the site has been done.  X. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  xii. Salient features of approved Date of approval- 07-06-2023 mining plans  xiii. Method of mining  xiv. Total water requirement for domestic and other usage and  No cluster is formed, cluster letter is submitted.  No cluster is formed, cluster letter is submitted.  A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  Total Quantity-22097 tonnes  xii. Method of mining  Domestic: 0.20 KLD  Dust Suppression: 0.10 KLD			13.	30°57'55.29"N	74°39'29.40"E	
vii. Details of cluster formation  viii. Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)  Whether  ix. demarcation/erection of boundary pillars on the site has been done.  x. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be  ix. Salient features of approved mining plans  xi. Salient features of approved mining plans  xii. Method of mining  viii. Details of cluster formation  No cluster is formed, cluster letter is submitted.  Land NOC submitted  Demarcation done on 12-12-2022. Copy of demarcation report Submitted  A copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved mining plans  Total Quantity-22097 tonnes  xii. Method of mining  Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Domestic: 0.20 KLD  Dust Suppression: 0.10 KLD				30°57'52.61"N	74°39'29.40"E	
viii. Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)  Whether Demarcation done on 12-12-2022. Copy of demarcation/erection of boundary pillars on the site has been done.  X. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be willages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining plans Total Quantity-22097 tonnes  Xii. Method of mining Opencast Semi-mechanized  Xiii. No. of workers on the site when fully operational  Xiv. Total water requirement for domestic and other usage and Date of 2.12 KLD  Domestic: 0.20 KLD  Dust Suppression: 0.10 KLD			15.	30°57'53.65"N	74°39'27.21"E	
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boundary pillars on the site has been done.  x. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be 1972 as the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the villages along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the villages, wherein the mining can be carried out or not. In the said list, the name of the villages, wherein the mining can be carried out or not. In the said list, the name of the villages, wherein the mining can be carried out or not. In the said list, the name of the villages, wherein the mining can be carried out or not. In		Whether	Demarcation done on 12-12-2022. Copy of			
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x. Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be xi. Salient features of approved mining plans xii. Method of mining xiii. No. of workers on the site when fully operational xiv. Total water requirement for domestic and other usage and xi Copy of the letter issued by DFO Ferozepur vide no. 5762 dated 12.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 Total Quantity-22097 tonnes xii. Method of mining xiv. Total water requirement for domestic: 0.20 KLD Dust Suppression: 0.10 KLD		boundary pillars on the site				
Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be		has been done.				
1980, Wildlife Protection Act 1972 as the case may be  villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  16  Opencast Semi-mechanized  Xiv. Total water requirement for domestic: 0.20 KLD  Dust Suppression: 0.10 KLD	X.	Status of clearance under	A copy of the letter issued by DFO Ferozepur vide no.			
1980, Wildlife Protection Act 1972 as the case may be  villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Villages, wherein the mining can be carried out or not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  16  Opencast Semi-mechanized  Xiv. Total water requirement for domestic: 0.20 KLD  Dust Suppression: 0.10 KLD		Forest Conservation Act,	5762 dated	12.12.2022 along v	vith the list of the	
1972 as the case may be not. In the said list, the name of the village Gillewala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and Opencast Suppression: 0.10 KLD  Dust Suppression: 0.10 KLD		1980, Wildlife Protection Act	villages, whe	erein the mining car	n be carried out or	
has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  Total Quantity-22097 tonnes  xii. Method of mining  Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Dust Suppression: 0.10 KLD						
and Wildlife has no objection for carrying out the mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans  Total Quantity-22097 tonnes  xii. Method of mining  Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Dust Suppression: 0.10 KLD		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•	Ŭ I	
mining in the proposed site.  xi. Salient features of approved Date of approval- 07-06-2023 mining plans Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and Dust Suppression: 0.10 KLD			•			
xi. Salient features of approved Date of approval- 07-06-2023 mining plans Total Quantity-22097 tonnes  xii. Method of mining Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and Dust Suppression: 0.10 KLD						
mining plans  Total Quantity-22097 tonnes  xii. Method of mining  Opencast Semi-mechanized  xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and  Dust Suppression: 0.10 KLD	xi.	Salient features of approved				
xiii. No. of workers on the site when fully operational  xiv. Total water requirement for domestic and other usage and Dust Suppression: 0.10 KLD		1				
fully operational  xiv. Total water requirement for domestic and other usage and Dust Suppression: 0.10 KLD	xii.	Method of mining	Opencast Semi-mechanized			
xiv. Total water requirement for domestic and other usage and Dust Suppression: 0.10 KLD	xiii.	No. of workers on the site when	16			
domestic and other usage and Dust Suppression: 0.10 KLD		fully operational				
	xiv.	Total water requirement for	Domestic: 0.20 KLD			
its source Plantation: 0.47 KLD		domestic and other usage and	Dust Suppr	ession: 0.10 KLD		
		its source	Plantation:	0.47 KLD		

		Total: 0.77 KLD
XV.	Waste water generation and its	Nil
	disposal	
xvi.	Information regarding nos of	Transportation of RBM from mine will be done by
	truck/trollies per day for	dumpers having carriage capacity of appx. 20 tonnes
	carrying the excavated material	or as per availability of trucks and trolleys.
	on the proforma prescribed in	Transportation route map submitted.
	the DSR and map showing the	
	transportation route with	
	proper earmarking of katcha,	
	pakka road and ROW.	
xvii.	Activities to be undertaken	Submitted.
	under EMP along with its cost.	
xviii.	Whether any Litigation is	No litigation is pending against the proposed mining
	pending against the proposed	site
	mining site, if yes the details,	
	thereof, be provided.	

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out 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 0.50Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand	Distance from Bridge 1.30 Km towards South-West

	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.		ce from the nearest mini ds North-East.	ng site is 6	i.50 Km
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.			
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be	S.No	Particulars  Repairing of houlege	Capital Cost (Rs)	Recurring Cost (Rs)
	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	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	32,000	9,600
		2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
	undertaken as a part of EMP:	3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000

4.	Management safety shoes/masks/ first aid kit etc.	50,000	20,000
5	Additional Environment Activities(Green Belt Development)	47,000	20,000
	Total	3,29,000	1,24,600

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 0.93 Ha for the quantity of 22097 TPA, which shall not exceed the quantity of 49658.4 Tonnes as per the approved DSR at Village Gillewala, Tehsil & District Ferozepur, Punjab subject to the conditions attached as **Annexure-2**.

### Item No. 254.10:

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

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village Chugatewala-2(Agricultural site), Tehsil & District Ferozepur, Punjab.

The Department has deposited requisite fee of Rs. 3240/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./ Chugatewala-2 /1537 dated 26.05.2023.

## Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

i)	Name of Applicant &	DMO Ferozepur
	Correspondence address:	Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur
		8146687777
	Mobile No:	
		xengolewala@rediffmail.com
	Email ID:	
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)
		Ltd.
	Mobile No.	0120-4044630
	Email ID	

		info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434433/2023
iv)	Project Name & Location	Chugatewala 2 Sand Mining Project
		Village: Chugatewala
		Tehsil- Ferozepur
		District- Ferozepur, Punjab
v)	Project/activity covered under item of	1(a) Mining of Minor Minerals
	scheduled to the EIA	
	Notification,14.09.2006	

S.No.	Item			Details		
i.	Category of the Proje	ect as per	B2			
	the EIA notification d	lated				
	14.09.2006					
ii.	Hadbast No. of the V	illage	139			
iii.	Details of Khasra No.	as under:				
	Khasra No. as	Khasra N	lo. as	Khasra No. as per	Name of owner of	
	per proposal	per DSR		consent of land	the land as per	
					land NOC.	
	12//25/9 0\	12//25/0 (	<b>1</b>	12//25/0 0) 10//5/0	Lakhwindar Cinah	
	13//25(8-0), 18//5(8-0),	13//25(8-0 18//5(8-0)	•	13//25(8-0), 18//5(8- 0),	Lakhwinder Singh	
	17//1(8-0),	17//1(8-0)		17//1(8-0), 14//21(8-		
	14//21(8-0)	14//21(8-0)		0)		
iv.	Whether the mining	-		0)		
	than area mention					
	DSR,(If yes) the					
	mining area shall be					
	in the KML file wit					
		n dinerent				
	color.			M. D. 4.60.11		
V.	, , , , , , , , , , , , , , , , , , ,		Area as per Mine Plan – 1.62 Ha.			
	per Mining plan and	proposal	Quantity	as per Approved Mine	Plan - 25457 TPA	
	Area and pe	rmissible	Area as per DSR – 1.62 Ha.			
	quantity details as p	er DSR	Quantity	Quantity as per Approved DSR – 46189.44 TPA		

vi.	Details as per Mining plan	Approve	Approved by: Assistant Geologist, Punjab bearing				
		Letter no	Glg/Pb/M.P/Chugat	cewala 2/1537.			
		Date of A	Approval: 26.05.2023	3			
		Approved Mining Lease Area: 1.62 Ha.					
		Approve	Approved Mining Quantity: 25457 TPA				
		Depth of	Mining (m): 3 m				
vii.	Longitude & Latitude of the	Pillar	Latitude	Longitude			
	mining site	No.					
		16.	31° 0'31.56"N	74°45'24.55"E			
		17.	31° 0'31.56"N	74°45'29.57"E			
		18.	31° 0'27.70"N	74°45'29.64"E			
		19.	31° 0'27.68"N	74°45'24.61"E			
viii.	Details of cluster formation	No cluste	er is formed, cluster l	etter is submitted.			
ix.	Affidavit from the land owner	Land NO	C submitted				
	giving consent for carrying						
	out mining. (In case of Pvt						
	land)						
х.	Whether	Demarcation done on 08-12-2022. Copy of					
	demarcation/erection of	demarca	tion report Submitte	d			
	boundary pillars on the site						
	has been done.						
xi.	Status of clearance under	A copy of	the letter issued by	DFO Ferozepur vide	no.		
	Forest Conservation Act,	5762 dat	ted 12.12.2022 alor	ng with the list of	the		
	1980, Wildlife Protection Act	villages,	wherein the mining	can be carried ou	t or		
	1972 as the case may be	not. In	the said list, the	name of the vil	lage		
		Chugatev	vala-2 has been	mentioned and	the		
		Departm	ent of Forest and W	ildlife has no objec	tion		
		for carryi	ng out the mining in	the proposed site.			
xii.	Salient features of approved	Date of a	pproval- 26-05-2023				
	mining plans	Total Qua	intity-25457 tonnes				
xiii.	Method of mining	Opencas	t Semi-mechanized				
xiv.	No. of workers on the site when	16					
	fully operational						
XV.	Total water requirement for	Domest	ic: 0.20 KLD				
	domestic and other usage and	Dust Su	ppression: 0.10 KLD				
	its source	Plantati	on: 0.81 KLD				
		Total:	1.11 KLD				
xvi.	Waste water generation and its	Nil					
	disposal						

xvii.	Information regarding nos of Transportation of RBM from mine will be done by
	truck/trollies per day for dumpers having carriage capacity of appx. 20 tonnes
	carrying the excavated material or as per availability of trucks and trolleys.
	on the proforma prescribed in Transportation route map submitted.
	the DSR and map showing the
	transportation route with
	proper earmarking of katcha,
	pakka road and ROW.
xviii.	Activities to be undertaken Submitted.
	under EMP along with its cost.
xix.	Whether any Litigation is No litigation is pending against the proposed mining
	pending against the proposed site
	mining site, if yes the details,
	thereof, be provided.

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 1.42Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 4 Km towards South-East
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 is 0.65 Km towards South-East.
v)	The Department shall outline the environmental impact of the	<b>Air</b> -The major contribution of air pollution is by excavation, loading, transportation, hauling operation &

	mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level to will not show any significant increase.			
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	S.No	Particulars	Capital Cost(Rs)	Recurring Cost(Rs)
	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:	1.	Repairing of haulage road for transport of mining material and its subsequent maintenances	13,000	3,900
		2.	Water Sprinkling Measures to be done on haul road for dust suppression	1,00,000	50,000
		3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
		4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
		5	Additional Environment Activities(Green Belt Development)	81,000	40,000
			Total	3,44,000	1,38,900

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the

said KML file, the proposed area of mining site measuring 1.62 Ha falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it.

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.62Ha for the quantity of 25457 TPA, which shall not exceed the quantity of 46189.44 Tonnes as per the approved DSR at Village Chugatewala-2, Tehsil & District Ferozepur, Punjab subject to the conditions attached as **Annexure-2.** 

#### Item No. 254.11:

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

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

The Department has deposited requisite fee of Rs. 2660/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Changali Jadid /1569 dated 29.05.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

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

i)	Name of Applicant &	DMO Ferozepur
	Correspondence address:	Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water
	Mobile No:	Resources Department, Punjab 89-Jhoke Road, Ferozepur
	5 11.0	8146687777
	Email ID:	
		xengolewala@rediffmail.com
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)
		Ltd.
	Mobile No.	0120-4044630
	Email ID	
		info@grc-india.com

iii)	Online Proposal No.	SIA/PB/MIN/434413/2023
iv)	Project Name & Location	Changali Jadid Sand Mining Project Village: Changali Jadid Tehsil- Ferozepur District- Ferozepur, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

## 1.0 The details of the mining project are as under:

S.No.	Item		Details		
i.	Category of the Projethe EIA notification de 14.09.2006		B2		
			4.40		
ii.	Hadbast No. of the V		140		
iii.	Details of Khasra No.			г.	
	Khasra No. as		lo. as	Khasra No. as per	Name of owner of
	per proposal	per DSR		consent of land	the land as per land NOC and DSR.
	30//8/2(4-0),9(8- 0),10/2(3- 14),10/1,(3- 14),13/2(4- 0),14/1(2- 0),30//8/1/2(0-11)	30//8/2(4-0),9(8-0),10/2(3-14), 10/1(3-14), 13/2(4-0),14/1(2-10) 30//8/1/2(011)		No khasra no and area has been mentioned in the consent of land given by Sh. Bagicha Singh.	Sh. Bagicha Singh,  Khasra no. mentioned in the DSR speaks in the name of Sh. Bagicha Singh
iv.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.		No		
V.	i. Area & Quantity details as per Mining plan and proposal ii. Area and permissible		Quantity	oer Mine Plan – 1.33 Ha vas per Approved Mine oer DSR – 1.47 Ha.	

	quantity details as per DSR	Quantity as	Quantity as per Approved DSR – 34927.2 TPA			
vi.	Details as per Mining plan	Approved b	Approved by: Assistant Geologist, Punjab bearing			
		Letter no Gl	Letter no Glg/Pb/M.P/Changali Jadid/1569.			
		Date of App	Date of Approval: 29.05.2023			
		Approved N	Approved Mining Lease Area: 1.33 Ha.			
		Approved M	Approved Mining Quantity: 29557 TPA			
			Depth of Mining (m): 3 m			
vii.	Longitude & Latitude of the	Pillar	Latitude	Longitude		
	mining site	No.				
		1.	31° 0'19.91"N	74°45'52.62"E		
		2.	31° 0'19.94"N	74°45'58.74"E		
		3.	31° 0'18.31"N	74°45'58.81"E		
		4.	31° 0'18.30"N	74°46'0.10"E		
		5.	31° 0'17.99"N	74°46'0.11"E		
		6.	31° 0'18.04"N	74°46'0.74"E		
		7.	31° 0'16.16"N	74°46'0.72"E		
		8.	31° 0'16.12"N	74°45'58.78"E		
		9.	31° 0'17.95"N	74°45'58.74"E		
		10.	31° 0'18.01"N	74°45'52.63"E		
viii.	Details of cluster formation	No cluster is	No cluster is formed, cluster letter is attached.			
ix.	Affidavit from the land owner	Land NOC si	Land NOC submitted.			
	giving consent for carrying					
	out mining. (In case of Pvt					
	land)					
X.	Whether	Demarcatio	n done on 08-	12-2022. Copy of		
	demarcation/erection of	demarcation	n report Submitted.			
	boundary pillars on the site					
	has been done.					
xi.	Status of clearance under	A copy of th	e letter issued by D	FO Ferozepur vide		
	Forest Conservation Act,	no. 5762 da	ited 12.12.2022 alor	ng with the list of		
	1980, Wildlife Protection Act		, wherein the minir	_		
	1972 as the case may be		n the said list, the n	_		
	1372 do tire case may se		a-2 has been me	J		
		_	of Forest and			
		-				
		_	or carrying out th	e mining in the		
		proposed sit				
xii.	• •		oval- 29-05-2023			
	mining plans	Total Quantity-29557 tonnes				
xiii.	Method of mining	Opencast Se	emi-mechanized			

xiv.	No. of workers on the site when	18
	fully operational	
XV.	Total water requirement for	Domestic: 0.20 KLD
	domestic and other usage and	Dust Suppression: 0.10 KLD
	its source	Plantation: 0.67 KLD
		Total: 0.97 KLD
xvi.	Waste water generation and its	Nil
	disposal	
xvii.	Information regarding nos of	Transportation of RBM from mine will be done by
	truck/trollies per day for	dumpers having carriage capacity of appx. 20 tonnes
	carrying the excavated material	or as per availability of trucks and trolleys.
	on the proforma prescribed in	Transportation route map submitted.
	the DSR and map showing the	
	transportation route with	
	proper earmarking of katcha,	
	pakka road and ROW.	
xviii.	Activities to be undertaken	Submitted
	under EMP along with its cost.	
xix.	Whether any Litigation is	No litigation is pending against the proposed mining
	pending against the proposed	site.
	mining site, if yes the details,	
	thereof, be provided.	

Signed copy of no litigation was provided to the committee

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out 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 1.00Km.

ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 1.42 Km towards North-West			
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 is 0.65 Km towards North West			
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.			
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:	S.No Particulars Capital Cost(Rs)  1. Repairing of haulage road for transport of mining material and its subsequent maintenances  2. Water Sprinkling Measures to be done on haul road for dust suppression  Capital Recurring Cost(Rs)  20,100  1,00,000  50,000			

	3.	Drinking water, facility Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
	4.	Safety shoes/masks/ first aid kit etc.	50,000	20,000
	5	Additional Environment Activities(Green Belt Development)	67,000	30,000
		Total	3,84,000	1,45,100

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

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.33Ha for the quantity of 29557 TPA, which shall not exceed the quantity of 34927.2 Tonnes as per the approved DSR at Village Changali Jadid, Tehsil & District Ferozepur, Punjab, Punjab subject to the conditions attached as Annexure-2.

# Item No. 254.12: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Mehruwala , Tehsil Dharamkot & District Moga, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/434507/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village Mehruwala (Riverbed Site), Tehsil Dharamkot & District Moga, Punjab,

The Department has deposited requisite fee of Rs. 7420/- paid online for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P./Mehruwala /1190 dated 20.04.2023.

### Deliberations during 254<sup>th</sup> meeting of SEAC held on 08.08.2023.

The meeting was attended by the following:

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

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

·	Name of Applicant & Correspondence address: Mobile No: Email ID:	DMO Moga  Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur  8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant	Grass Roots Research and Creation (P)
	Mobile No. Email ID	Ltd.
		0120-4044630
		info@grc-india.com
iii)	Online Proposal No.	SIA/PB/MIN/434507/2023

iv)	Project Name & Location	Mehruwala Sand Mining Project
		Village: Mehruwala
		Tehsil- Dharamkot
		District- Moga, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

# 1.0 The details of the mining project are as under:

S.No.	Item		Details		
i.	Category of the Project as per		B2		
	the EIA notification d	lated			
	14.09.2006				
ii.	Hadbast No. of the Village		217		
iii.	Details of Khasra No.	as under:	-		
	Khasra No. as	Khasra N	lo. as	Khasra No. as per	Name of owner of the
	per proposal	per DSR		consent of land	land as per land NOC
	22//1,2,3,4,5,6,7,8 /1,23/19,10	Not Menti	oned	22//1,2,3,4,5,6,7,8/1 ,23/19,10	Lakhwinder Kaur Gurdev Singh Satnam Singh Harpreet Singh Mandeep Kaur
iv.	Whether the mining	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.				
v.	Area & Quantity details as per Mining plan and proposal		Area as per Mine Plan – 3.71 Ha.		
			Quantity as per Approved Mine Plan - 44796 TPA		
	Area and permissible	quantity			
	details as per DSR			per DSR – 38.58 Ha.	
			Quantity as per Approved DSR – 482033.95 TPA		
vi.	Details as per Mining plan		Approved by: Assistant Geologist, Punjab bearing		
				o Glg/Pb/M.P/Mehruw	ala/1191.
				Approval: 20.04.2023	
			Approve	ed Mining Lease Area: 3	.71 Ha.

		Approved Mining Quantity: 44796 TPA		
		Depth of Mining (m): 1 m		
vii.	Longitude & Latitude of the mining site	Pillar No.	Latitude	Longitude
		A.	31° 2'42.11"N	75°11'10.51"E
		В.	31° 2'42.02"N	75°11'21.48"E
		C.	31° 2'40.01"N	75°11'21.53"E
		D.	31° 2'39.97"N	75°11'24.88"E
		E.	31° 2'34.99"N	75°11'24.60"E
		F.	31° 2'34.96"N	75°11'21.85"E
		G.	31° 2'38.14"N	75°11'21.80"E
		H.	31° 2'38.11"N	75°11'16.80"E
		I.	31° 2'40.14"N	75°11'16.44"E
		J.	31° 2'40.18"N	75°11'11.26"E
viii.	Details of cluster formation	No cluster is	s formed, cluster lett	er is attached.
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)			
X.	Whether demarcation/erection of boundary pillars on the site has been done.			-03-2023. Copy of
xi.	Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	A copy of the letter issued by DFO Ferozepur vide no. 5736 dated 10.12.2022 along with the list of the villages, wherein the mining can be carried out or not. In the said list, the name of the village Mehruwala has been mentioned and the Department of Forest and Wildlife has no objection for carrying out the mining in the proposed site.		
xii.	Salient features of approved			
	<u> </u>	ı	ty-44796 tonnes	
xiii.	Method of mining	-	emi-mechanized	
xiv.	No. of workers on the site when fully operational	18		
XV.	Total water requirement for	Domestic:	0.20 KLD	
	domestic and other usage and	Dust Supp	ression: 0.20 KLD	

	its source	Plantation: 1.86 KLD
		Total: 2.26 KLD
xvi.	Waste water generation and its	Nil
	disposal	
xvii.	Information regarding nos of	Transportation of RBM from mine will be done by
	truck/trollies per day for	dumpers having carriage capacity of appx. 20 tonnes
	carrying the excavated material	or as per availability of trucks and trolleys.
	on the proforma prescribed in	Transportation route map submitted.
	the DSR and map showing the	
	transportation route with	
	proper earmarking of katcha,	
	pakka road and ROW.	
xviii.	Activities to be undertaken	
	under EMP along with its cost.	
xix.	Whether any Litigation is	No litigation is pending against the proposed mining
	pending against the proposed	site
	mining site, if yes the details,	
	thereof, be provided.	

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 1.20Km.
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand	Distance from Bridge 2.40 Km towards South-East

	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 is 4 Km towards North West.
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	Air-The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.  Water- Proposal for mining are given during dry months, therefore water quality will not deteriorate.  Noise-Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.
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:	

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Ferozepur. As per the said KML file, the proposed area of mining site measuring 3.71 Ha falls within the area of mining site approved in the DSR. The Committee perused the same and was satisfied with it.

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

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

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.71 Ha for the quantity of 44796 TPA, which shall not exceed the quantity of 482033.95 Tonnes as per the approved DSR at Village Mehruwala, Tehsil & District Ferozepur, Punjab, Punjab subject to the conditions attached as **Annexure-1.**