

Proceedings of 266th meeting of State Expert Appraisal Committee (SEAC) held on 20.11.2023 at 11:00 AM in the Conference Hall no. 2, MGSIPA Complex, Sector-26, Chandigarh.

Following were present:

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

Item No. 01: Confirmation of the proceedings of 264th meeting of State Level Expert Appraisal Committee (SEAC) held on 23.10.2023.

The proceedings of 264th meeting of SEAC held on 23.10.2023 was prepared and circulated through email dated 25.10.2023 to all the Members for their comments. No comments were received from any of the Member. Therefore, SEAC confirmed the proceedings.

Item No. 02: Action taken on the proceedings of 264th meeting of State Level Expert Appraisal Committee (SEAC) held on 23.10.2023.

The action taken on the decisions of 264th meeting of SEAC held on 23.10.2023 has been completed. SECA noted the same.

Table Item No. 01: Representations regarding allowing semi mechanized method of mining in the commercial mining sites (CMS) and for extension in permission for undertaking mining operations pending grant of ECs till 31.12.2023.

SEIAA vide Letter No. SEIAA/MS/2023/1874 Dated 03/11/2023 forwarded the request letter of Chief Engineer, Departments of Mines and Geology submitted vide no.2679-Glg dated 26/10/2023 wherein, the Department has requested for permitting semi-mechanized method of mining in the 28 No. of Commercial Mining Sites.

The matter was considered during 265th meeting of SEIAA held on 26.10.2023, wherein SEIAA decided that the list of 28 sites may be sent to SEAC for submitting its recommendations for permitting semi-mechanized method of mining in these sites. The actual mining operations would only be undertaken in these 28 commercial mining sites subject to earlier stipulated conditions in this regard and after the individual sites obtain their respective ECs or are specifically permitted by SEIAA to commence mining operations pending grant of ECs.

Deliberations during 266th meeting of SEAC held on 20.11.2023

The meeting was attended by the following:

1. Mr. Hardeep Singh Mehndiratta, Chief Engineer, Department of Mines & Geology.
2. Mr. Khushwinder Singh, XEN, Department of Mines & Geology, Punjab.
3. Smt. Harjot Kaur, Mining Officer, Department of Mines & Geology, Punjab.

During meeting, the Officers of the Department of Mines & Geology presented the case for allowing semi-mechanized method of mining in 28 No. Commercial Mining Sites with details as under:

Sr. No.	District	Name of Mine	Area (Ha)	Maximum Quantity to be extracted in a single year (MT)	Annual Concession Value	EC Status	Proposal No.
1	Ludhiana	Madhepur	20.60	181047	4526175	Pending for ToR	SIA/PB/MIN/423283/2023
2	Rupnagar	Nangra Kalmot-1	68.79	430,507	10762675	Pending for ToR	SIA/PB/MIN/424242/2023
3	Rupnagar	Nangra Kalmot-2	19.92	143,325	4360425	Pending for ToR	SIA/PB/MIN/423766/2023
4		Shahpur Gopi&					SIA/PB/MIN/424286/2

	Pathankot	GOL	36.84	559118	13977950	Pending for ToR	023
5	Pathankot	Maira Kalan	13.81	246343	6158575	Pending for ToR	SIA/PB/MIN/424363/2023
6	Pathankot	Chak Hari Rai	27.21	477498	11937450	Pending for ToR	SIA/PB/MIN/424330/2023
7	Ludhiana	Raur	53.47	923574	23089350	Pending for ToR	SIA/PB/MIN/424084/2023
8	Pathankot	Muthi	6.29	36513	4731600	Pending for ToR	SIA/PB/MIN/427564/2023
9	Pathankot	Samrala	23.3	104055		Pending for ToR	SIA/PB/MIN/427123/2023
10	Pathankot	Kot Bhattian	7.29	48696		Pending for ToR	SIA/PB/MIN/426208/2023
11	SBS Nagar	Khoja-3	8.35	132092	4777700	Pending for ToR	
12	SBS Nagar	Lalewal Khoja	2.95	36214		Pending for EC	
13	SBS Nagar	Talwandi Siblu-2	18.51	219315	5482875	Pending for ToR	
14	SBS Nagar	Khoja-2	4.58	72732	5479125	Pending for EC	
15	SBS Nagar	Lalewal	10.15	146433		Pending for ToR	
16	Rupnagar	Chandpur	8.20	70307	2098300	Pending for ToR	SIA/PB/MIN/427863/2023
17	Rupnagar	Nangra Kalmot-3	13.76	125971.33		Pending for ToR	SIA/PB/MIN/433207/2023
18	Ludhiana	Sherewala Complex	45.14	307401	7685025	Pending for ToR	SIA/PB/MIN/437857/2023
19	SAS Nagar	Budhki Gravel Zone	18.2	294616	7365400	Pending for ToR	SIA/PB/MIN/434880/2023
20	SBS Nagar	Khoja Bate	5.85	91742	2293550	Pending for ToR	
21	SBS Nagar	Bangabate	4.7	71130	1778250		
22	SBS Nagar	Auliapur	0.52	5324	133100		
23	SBS Nagar	Mandala	12.5	53371	1334275		
24	SBS Nagar	mandhala		6916	172900		
25	SBS Nagar	mandhala		42411	1060275		
26	SBS Nagar	Behlookhurd	10.92	46045	1151125		

27	SBS Nagar	Behloorkhurd	2.38	34634	865850		
28	Rupnagar	Bela Dhani	3.07	16131	403275	Pending for EC	SIA/PB/MIN/431476/2 023

The Committee perused the list of 28 commercial mining sites and observed that out of 28 mining sites, permission for semi-mechanized method of mining has already been allowed in 5 mining sites (Raur, Ludhiana, Proposal No. SIA/PB/MIN/424084/2023, Khoja-3, SBS Nagar, Proposal No. SIA/PB/MIN/443315/2023, Nangra Kalmot-1, Ropar, Proposal No. SIA/PB/MIN/424242/2023, Nangra Kalmot-3, Ropar, Proposal No. SIA/PB/MIN/433207/2023 and Chandpur, Ropar, Proposal No. SIA/PB/MIN/427863/2023) in 265th meeting of SEAC held on 30.10.2023 and the proceedings of the same was conveyed to SEIAA vide letter No. SEAC/MS/2023/1890 dated 6.11.2023. Further, one of the applications (Bela Dhani, Ropar, Proposal No. SIA/PB/MIN/431476/2023) for obtaining Environmental Clearance has been withdrawn by the Project Proponent vide letter dated 31.08.2023. Further, the Department vide letter dated 15.07.2023 requested for withdrawal of another application (SIA/PB/MIN/424330/2023) for mining of minor minerals.

Out of remaining 21 mining sites, 5 mining sites covered under the category B2 of the EIA notification dated 14.09.2006 and 16 mining sites covered under the category B1 of the EIA notification dated 14.09.2006. The Committee further observed that applications for 5 mining sites under category B2 for obtaining Environmental Clearance have yet to be submitted. Further, out of 16 mining sites, ToR have been granted to 4 mining sites, applications for ToR for 7 mining sites are yet to be submitted and remaining 4 applications are at different stages of EDS.

The Chief Engineer, Department of Mines & Geology informed the Committee that all these 21 commercial mining sites have already been auctioned however, no mining activity has been started at these sites.

After detailed deliberations, the Committee decided to recommend that the Department may be allowed semi-mechanized method of mining in the 21 commercial mining sites, subject to the conditions already imposed by SEIAA for carrying out mining.

Table Item No. 02: Posting of AEE appointment by SEIAA through the outsourced agency M/s Gretis India Pvt.Ltd.

SEIAA vide letter No. 1975 dated 14.11.2023 addressed to Member Secretary, SEAC vide which it has been informed that the request of SEAC was reconsidered in 266th meeting of SEIAA held on 02.11.2023 and it was decided that since the work related to issuance ToR in mining cases as well as other important works as mentioned above are being looked after by the SEIAA and AEE Sh. Jashandeep singh is looking after the court cases in which SEIAA is party, in the interest of overall functioning of SEIAA and SEAC no amendment is required to be made in office no. 1558 dated 27.09.2023 regarding the posting of AEE appointed by SEIAA. Further, with regard to request of SEAC regarding deputing one steno-typist keeping in view the work load of SEAC division, for the efficient disposal of work, a panel of steno-typist sent by M/s Gretis India Pvt Ltd. was interviewed during the meeting and a steno-typist Sh. Ravinder singh was shortlisted and accordingly, M/s Gretis India Pvt Ltd. has been written vide letter no.1900 dated 07.11.2023 to direct the candidate to join on Wednesday i.e 08.11.2023 positively.

Deliberations during 266th meeting of SEAC held on 20.11.2023

The Committee noted the same.

Item No. 266.01: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Marara Sand mining Project at Village Marara, Tehsil- Dinanagar, District- Gurdaspur, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur Nagar. (Proposal No SIA/PB/MIN/446866/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Gurdaspur Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at Village Marara, Tehsil- Dinanagar, District- Gurdaspur, Punjab (Agriculture site). The proposed site is a public mining site (PMS).

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

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

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

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

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446866/2023
2.	Project Name & Location	Marara Sand Mining Project over an extent of 1.60Ha. Village: Marara, Tehsil: Dinanagar, District: Gurdaspur, State: Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Dilpreet Singh, Executive Engineer- cum- District Mining Officer Gurdaspur, Punjab 9646700766,dilpreet.singh67@punjab.gov.in

4	Name of Environmental Consultant, Mobile no. Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in			
5	Project / activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
i)	Mineral (s) to be mined	Sand			
ii)	Method of mining	Manual Method			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
iv)	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA b. Area of the Mine as per EC application/DSR/Mining plan c. Depth of mining as per EC application/DSR/Mining plan	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	--	37,584	--
		Mine Capacity in TPA	18,792	--	18,774
		Mining Area on mining in Ha.	1.60	1.60	1.60
		Depth of Mining in m	2.70	2.70	2.70
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 624 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			
8	HadBast No.	2			
9	Land Khasra No. & their consent details				

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

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

	2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.60 Ha x 50 saplings/Ha=50 saplings @ Rs.1000 per sapling.	50,000	5,000
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*9396*2)	18,792	-
	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000
	7	Environmental Monitoring (Air, Water Soil etc.).		30,000
	Total		1,18,792	59,000
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility Executive Engineer/Gurdaspur Drainage-cum-Mining and Geology Division, Gurdaspur will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 37,584 MT. The project proponent has proposed to spend Rs 0.19 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities.			
25	An undertaking to the effect has been submitted by DMO, Gurdaspur: <ul style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.7 m or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) An undertaking submitted to the effect that no Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site 			

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

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

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

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

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Mr. Dilpreet Singh, SDO, Department of Mines & Geology.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd.

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

Sr. No	Observations	Proponent Response
1.	As per the Sub-Divisional Level Committee, Dinanagar report, no forest land is involved in the proposed project site. Further, it has been mentioned that at a distance of less than 50 m trees have been planted by the Forest Department. Hence, mining cannot be allowed at this site as it would endanger plantation by Forest Department. The Project Proponent shall submit permission for carrying out the mining from the Department of Forest in light of comments mentioned in Sub-Divisional Committee, Dinanagar Report.	As per the Sub-Divisional Level Committee, Dinanagar report our proposed site falls in Sl.No.6 in the table of sand mining sites. Trees planted by the Forest Department at a distance of less than 50m is for the site at Sl.No.3 in the table of sand mining sites, as per the committee report (Screen shot taken from DSR Pg. No. 271 is presented below in yellow highlighted portion). Hence permission from the forest department is not applicable to the proposed site.
2	The Project Proponent shall submit the demarcation report with geo tagged photographs of the proposed mining site clearly showing the burjis & coordinates.	Submitted
3	The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.	Submitted
4.	The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in	Submitted

consonance with the latest revenue records of the village.	
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR. As per the said KML file, the proposed area of mining site measuring 1.6 Ha matches with the area of mining site approved in the DSR. The Committee noted the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.60 Ha for the quantity of 18792 TPA, which shall not exceed the quantity of 37584 MT as per the approved DSR Village Marara, Tehsil-Dinanagar, District- Gurdaspur, Punjab, subject to the conditions attached as **Annexure-2**.

Item No. 266.02: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Khanpur sand Mining project at Village Khanpur, Tehsil-Baba Bakala , District- Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department,.(Proposal No SIA/PB/MIN/448859/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Ferozepur division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at Village Khanpur , Tehsil- Baba Bakla, District- Amritsar, Punjab (Agriculture site).The proposed site is a Public mining site (PMS).

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

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

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

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

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

4	Name of Environmental Consultant, Mobile no. & Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in			
5	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
i)	Mineral (s) to be mined	Sand			
ii)	Method of mining	Manual Method			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
iv)	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA b. Area of the Mine as per EC application/DSR/Mining plan c. Depth of mining as per EC application/DSR/Mining plan	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	25,517.30	45828.14	25,517.30
		Mine Capacity in TPA	12,758.65	-	12,758.65
		Mining Area on mining in HA	1.12474	2.02	1.12474
		Depth of Mining in m	2.76	2.76	2.76
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR			
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	The State Govt through Department of Mines and Geology has proposed to carry out mining through concerned Executive Engineer/ DMO.			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: Not submitted Date of Issue: Not submitted Safe distance from banks (m): Not submitted Annual rate of replenishment as per the study conducted:			
8	HadBast No.	3			

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

18	Water Requirements & source	Total: 2.60 KLD Domestic: 0.81 KLD Dust Suppression: 0.6 KLD Green belt:1.19 KLD		
19	Waste water generation, Treatment & its Disposal	Quantity of Waste water : 0.64KLD, Generated waste water will be treated in septic tank followed by soak pit.		
20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 50 Nos. Funds Allocated (Rs.): 0.56 lacs towards capital cost and 0.056 Lacs towards recurring cost.		
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No		
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.		
23	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000
	2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.12474Ha. x 50saplings/Ha. =56 saplings @ Rs.1000 per sapling.	56,000	5,600
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*12758.65*2)	12,759	-

	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000
	7	Environmental Monitoring (Air, Water Soil etc.).		30,000
	Total		1,18,759	59,600
24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility Executive Engineer/Amritsar Drainage-cum-Mining and Geology Division, Amritsar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 25,517.30 MT. The project proponent has proposed to spent Rs 0.13 Lakhs (i.e @ Rs 0.50 per Ton) for Additional Environmental Activities (AEA) activities.			
25	An undertaking submitted by DMO, Amritsar submitted, which contain following facts: <ul style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iii) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. iv) An undertaking submitted to the effect that no Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site etc. 			

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

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

1. The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.
2. The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.

3. The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.
4. The Project Proponent shall submit certificate to the effect that the proposal is as per the Annexure-V of DSR.
5. The Project Proponent shall submit an undertaking to the effect that during the lease period, the deposit will be worked from the top surface to 2.76 m or above ground water table, whichever comes first.

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

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

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

Sr. No.	Observations	Proponent Response
1	The Project Proponent shall submit the demarcation report with geo tagged photographs of the proposed mining site clearly showing the burjis & coordinates.	Demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates is submitted.
2	The Project Proponent shall submit KML file by superimposing the proposed site as per the	Submitted

	application proposal and as approved in the DSR.	
3	The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.	Submitted
4	The Project Proponent shall submit certificate to the effect that the proposal is as per the Annexure-V of DSR.	Submitted
5	The Project Proponent shall submit an undertaking to the effect that during the lease period, the deposit will be worked from the top surface to 2.76 m or above ground water	Submitted

	table, whichever comes first.	
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR. As per the said KML file, the proposed area of mining site measuring 1.12 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.12 Ha for the quantity of 12758.65 TPA, which shall not exceed the quantity of 45828.14 MT as per the approved DSR Village Khanpur, Tehsil- Baba-Bakala, District Amritsar, Punjab, subject to the conditions attached as **Annexure-2.**

Item No. 266.03: Application for Environmental Clearance for carrying out mining of minor minerals for mining site namely Balharwal sand Mining project at Village Balharwal, Tehsil- Ajanala, District- Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department (Proposal No SIA/PB/MIN/446836/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Ferozepur division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at Village Balharwal, Tehsil- Ajanala, District- Amritsar, Punjab (Agriculture site). The proposed site is a Public mining site (PMS)

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

Deliberations during 264th meeting of SEAC held on 23.10.2023.

The meeting was attended by the following:

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

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

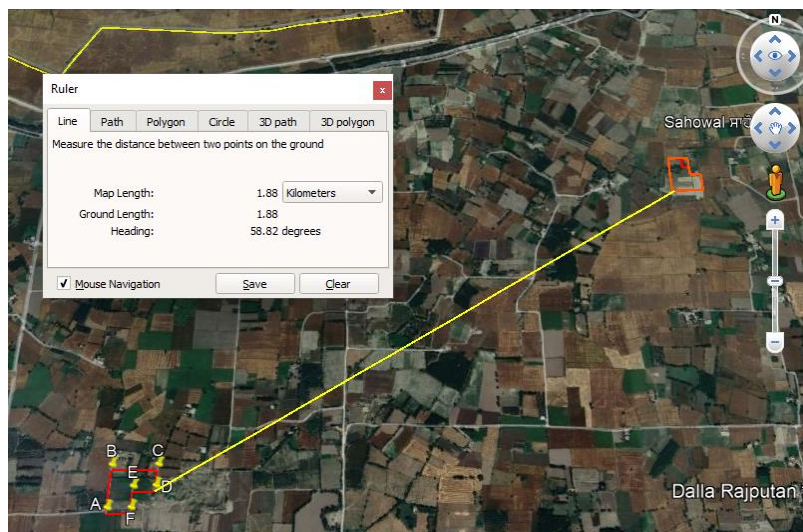
S.N o.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/446836/2023, Dated 05 Oct. 2023
2.	Project Name & Location	Balharwal Sand Mining Project Village: Balharwal Tehsil- Ajanala District- Amritsar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Gurbir Singh Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920, gurmeet.singh871@punjab.gov.in
4	Name of Environmental Consultant, Mobile no. & Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in

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

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

20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 30Nos. Funds Allocated (Rs.): 0.3 lacs towards capital cost and 0.03 Lacs towards recurring cost.																																				
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No																																				
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.																																				
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Rs.)</th> <th>Recurring Cost (Rs./annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>10,000</td> <td>5,000</td> </tr> <tr> <td>2</td> <td>Plantation and maintenance of 30 saplings through State Forest Department under Green Punjab Mission: Plantation cost 0.60Ha x 30 saplings/Ha=30 saplings @ Rs.1000 per sapling.</td> <td>30,000</td> <td>3,000</td> </tr> <tr> <td>3</td> <td>Drinking water facility, Septic Tank & Mobile toilets and solid waste management</td> <td>20,000</td> <td>5,000</td> </tr> <tr> <td>4</td> <td>Safety equipment's such as gloves, mask, helmet, First aid kit etc.</td> <td>10,000</td> <td>4,000</td> </tr> <tr> <td>5</td> <td>Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s))</td> <td>7360</td> <td>-</td> </tr> <tr> <td>6</td> <td>Regular health check-up camps for the workers engaged in mines shall be organized.</td> <td>10,000</td> <td>10,000</td> </tr> <tr> <td>7</td> <td>Environmental Monitoring (Air, Water Soil etc.).</td> <td></td> <td>30,000</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td>87,360</td> <td>57,000</td> </tr> </tbody> </table>	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000	2	Plantation and maintenance of 30 saplings through State Forest Department under Green Punjab Mission: Plantation cost 0.60Ha x 30 saplings/Ha=30 saplings @ Rs.1000 per sapling.	30,000	3,000	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s))	7360	-	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000	7	Environmental Monitoring (Air, Water Soil etc.).		30,000	Total		87,360	57,000	
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24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility																																					

	<p>Executive Engineer/Amritsar Drainage-cum-Mining and Geology Division, Amritsar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 7,360.2MT. The project proponent has proposed to spent Rs 0.07 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities. Undertaking in this regard is already submitted online in Parivesh portal.</p>
25	<p>An undertaking submitted by DMO, Amritsar submitted, which contain following facts:</p> <ol style="list-style-type: none"> i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up. ii) During the lease period, the deposit will be worked from the top surface to 2.7m below ground level or above ground water table, whichever comes first. iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) No Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site etc.



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

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

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

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Mr. Gurbir Singh, DMO, Department of Mines & Geology, District Amritsar.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd.

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

Sr.	Observations	Proponent Response
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No.		
1	As per the Annexure-V of the approved DSR, there exists two no. of mining sites, one site is at Sr. no. 3 having land area of 2.225 Ha and permissible quantity of 54588.15 MT which lies under ownership of Smt. Harbhajan Kaur and second site at Sr. No. 4 having land area 0.6 Ha and permissible quantity of 15228 MT which lies under ownership of Sh Kirandeep Singh. The Project Proponent has submitted application for carrying out mining in in an area of 0.6 Ha bearing Khasra no., which lies in the ownership of Sh. Kirandeep Singh. However, the permissible quantity of mining material i.e 54,588.15 has been considered as the quantity mentioned against the land area owned by Smt. Harbhajan Kaur. The Project Proponent shall clarify in this regard.	The correct permissible quantity of mining material is 15,228MT which lies under ownership of Sh. Kirandeep Singh as per Annexure V of approved DSR.
2	The Project Proponent shall submit the demarcation report with geotagged photographs of the proposed mining site clearly showing the burjis & coordinates.	Submitted
3	The Project Proponent shall submit KML file by superimposing the proposed site as per the application proposal and as approved in the DSR.	Submitted
4	The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.	Submitted

During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR. As per the said KML file, the proposed area of mining site measuring 0.60 Ha matches with the area of mining site approved in the DSR. The Committee noted the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 0.60 Ha for the quantity of 7360.2

TPA, which shall not exceed the quantity of 54588.15 MT as per the approved DSR Village Balharwal, Tehsil Ajnala, District Amritsar, Punjab, subject to the conditions attached as **Annexure-2.**

Item No. 266.04: Applications for Environmental Clearance for carrying out mining of minor minerals (sand) by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division at Village- Aalowal, Tehsil & Distt. Rupnagar (SIA/PB/MIN/421126/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at Village- Aalowal, Tehsil & Distt. Rupnagar (SIA/PB/MIN/421126/2023).

The Department has deposited requisite fee for obtaining Environmental Clearance for carrying out mining in the proposed site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA.

Deliberations during 243rd meeting of SEAC held on 03.04.2023.

The meeting was attended by the following:

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

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

S. No	Details as per DSR			Details of Mining			Details of other lease out area		Approval of Mining Plan	Approval under FCA or NBWL as the case may be, If applicable (attach copy)	Fee deposited in Rs. *
	Code/Location of the site	Area (ha.)	Quantity proposed (MT)	Area of the Mining Lease (ha.)	Quantity from lease area (TPA)	Whether Site falls in any cluster, if yes (code/area)	Area of the leased-out area (ha.)	Quantity Leased (MT)			
1	Village-Aalowal Tehsil and District Rupnagar	4.76	50484	4.70	28471 TPA	No	Nil	Nil	Approved by Assistant geologist, Punjab and Letter no Glg/Pb/M. P/ Aalowal/487 dated:17-02-2023	Not Applicable	Rs. 9400/- vide reference no.00116129 0233 dated: 06-03-2023

The Committee perused the application proposals of Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division for carrying out mining of minor minerals (sand) at the aforementioned mining sites. The Committee observed that the mandatory information required to carry out appraisal of the applications are missing and there are certain shortcomings in the application proposals which needs to be rectified.

After detailed deliberations, SEAC decided to defer all the cases, till the Department submits the reply of the below mentioned observations:

- (i) The Department shall submit the synopsis/summary in an annotated form pertaining to the following mandatory information for each of the mining sites:
 - a) *Whether the project is category B2/B1.*
 - b) *Hadbast No.*
 - c) *Khasra No.*
 - d) *Whether the Khasra No. mentioned in the application proposal are in consonance with the khasra No. mentioned in the DSR, (if no, provide proper justification).*
 - e) *Longitude & Latitude*
 - f) *Details of cluster formation*
 - g) *Comments on land owner consents*
 - h) *Status of demarcation/erection of boundary pillars on the site*
 - i) *Status of clearance under Forest Conservation Act, 1980*
 - j) *Relevant details of applicable mining plans*
 - k) *Method of mining*
 - l) *No. of worker on the site when fully operational*
 - m) *Total water requirement and its source*
 - n) *Waste water generation and its disposal*
 - o) *Whether site complying with the SSMG, 2016 and EMGSM, 2020.*
 - p) *Details of truck/trollies with its frequency for carrying the excavated material.*
 - q) *Activities to be undertaken under EMP along with its cost.*
- (ii) The Department shall provide details pertaining to No. of trees to be felled for carrying out mining activity.
- (iii) The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.
- (iv) The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.

- (v) The Department shall include in the EMP, the additional environmental activities by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs where the mining is to be undertaken manually and @ Rs. 1.50/ton where semi-mechanized mining is to be undertaken. These additional environmental activities would also be a part of EMP and should be undertaken from amongst the following activities.
- a. *Developing mini forests (Nanak Bagichi), urban forests, green belts, biodiversity parks etc., raising of avenue plantations and plantations in public/community areas/ educational institutions/Govt. buildings/banks of rivers/cantonment areas or any other land made available by the Govt. agencies and other institutions either by the Project Proponent itself or through the State Forest Department.*
 - b. *Cleaning and rejuvenating village ponds, water bodies, wetlands, storm drains etc. (treatment of village sewer pond using PPCB and other approved scientific models), such as: (i) Action Plan for Rejuvenation of Ponds (<https://ppcb.punjab.gov.in/sites/default/files/documents/Action-Plan-forRejuvenation-of-Ponds-31.03.20.pdf>) (ii) Guidelines for restoration of Water Bodies (<https://ppcb.punjab.gov.in/sites/default/files/documents/Indicative%20Guidelines%20for%20Restoration%20of%20Water%20Bodies%20by%20CPCB.pdf>), and (iii) Technical Committee Report on wastewater treatment (<https://ppcb.punjab.gov.in/sites/default/files/documents/Report%20of%20Technical%20Committee%20For%20Treatment%20of%20Wastewater%20of%20Village%20Pond.pdf>)*
 - c. *Developing infrastructure for (i) Utilizing treated effluent of STPs (double plumbing, construction work roadside sprinkling (ii) Reusing STP/ETP sludge as farmyard manure (FYM) or 'other activities approved by CPCB/PPCB/MoEF&CC, and (iii) Replacing soakage pits and/or providing septic tanks in government education institutions and other government buildings/projects.*
 - d. *Provisioning solar panels/lights and other energy saving electric devices/equipment's including LED bulbs etc. in the government/municipal/other public schools, hospitals and dispensaries etc. or in other public buildings.*
 - e. *Provisioning Roof top rainwater harvesting (RWH) and other water/groundwater conservations activities in the government/ municipal/ other public schools, hospitals and dispensaries etc. or in other public buildings.*
 - f. *Provisioning Solid waste management including composting/vermi-composting, authorized approaches of reuse & recycle, Material Recovery Facility (MRF) to reach zero waste condition, etc.*
 - g. *Developing and establishing alternatives to the single use plastic (SUP) and plastic carry bags.*
 - h. *Ameliorating air, water, soil & noise pollution as prescribed in the applicable District Environment Plan (DEP) <https://decc.punjab.gov.in/> where gaps exist and which are not the statutory responsibility of government departments / agencies, including need based environmental activities as proposed by the project proponent/their accredited consultants based on site-specific field surveys of the project and nearby areas and approved by SEIAA/SEAC/PPCB.*

- i. *Preparing Peoples Biodiversity Register (PBR) at all levels (District, block & village) and conserving state's biodiversity heritage sites (BHS), Eco zones, Hotspots, Wildlife & bird sanctuaries, etc.*
- j. *Organizing environmental awareness activities/celebrations/programmes, preparing and distributing resource material for abatement and control of pollution and restoration of environment of Punjab and approved by SEIAA/SEAC/PPCB/academic experts.*
- k. *Suppressing dust by using vacuum cleaners, sprinklers, fountains, misting machines/vehicles/artificial rain etc.*
- l. *Managing waste in scientific and environmentally sound manner including establishment of recovery facilities of e-waste, construction and demolition waste, plastic waste, toxic/hazardous waste, bio-medical waste, industrial wastes, dairy/Gaushala waste etc.*
- m. *Promoting and developing eco-tourism areas/activities, green buildings, agriculture diversity, organic/natural farming/herbal/medicinal/botanical gardens, electric vehicles, cleaner fuels, biodegradable materials, etc.*
- n. *Controlling and managing (In-situ/Ex-situ) stubble burning (Parali) in Punjab.*
- o. *Developing clean and innovative technologies for reducing water, air and solid waste pollutants including reuse and recycling of resource materials.*

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Mr. Shyam Verma, SDO, Department of Mines & Geology, Ropar.
- (ii) Mr. Sandeep Garg, Environmental Consultant M/s Eco Laboratories Pvt Ltd.

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

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/421126/2023
2.	Project Name & Location	RBM Mining Project Village-Aalowal, Tehsil- Rupnagar District- Rupnagar (Punjab) by XEN/DMO District: Rupnagar, Government of Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Harshant kumar XEN/DMO, Drainage-um-mining and Geology Division, WRD,, Punjab, Room No. 145, D.C.

		Complex, Mini Secretariat, Rupnagar, 9878688998 rupinder.p@punjab.gov.in			
4	Name of Environmental Consultant, Mobile no. & Email Id	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. (formerly Eco Laboratories & Consultants Pvt. Ltd.) 8872043178 md@ecoparyavaran.org			
5	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals			
6	Details of Mining Lease				
vi)	Mineral (s) to be mined	1) Sand			
vii)	Method of mining	Manual			
viii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land			
ix)	g. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA h. Area of the Mine as per EC application/DSR/Mining plan i. Depth of mining as per EC application/DSR/Mining plan	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	30091	1,24,749	30091
		Mine Capacity in TPA	15045	-	15045
		Mining Area on mining in HA	3.26	4.76	3.26
		Depth of Mining in m	1.5	2.6	1.5
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR			
x)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	Reference No: Memo No. Glg/Pb/M.P/Aalowal/487 Date of Issue: 17/02/2023 Validity of LOI: 2 years Mining Lease Area: 3.26 ha Mining Quantity: 30091 Tons sand in three years			

		14	31° 4'8.11"N	76°35'17.70"E	
		15	31° 4'6.54"N	76°35'17.68"E	
		16	31° 4'6.55"N	76°35'16.48"E	
		17	31° 4'8.13"N	76°35'16.63"E	
11	Does the project involve diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof	NO			
12	Does the project fall of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, application submitted to NBWL.	NO			
13	Cost of the project	Rs. 42,12,740			
14	Environmental Clearance. Fee details	Rs. 6,520			
15	Certificate to be provided by DMO, that the proposal is as per the Annexure-V of DSR.	Attached			
16	Demarcation report of mining site	Date of demarcation: 01.02.2023 Photographs submitted: Yes Signed by: 1) Mr. Sarbjeet Singh (J.E. –Mining)			
17	Workers (when fully operational)	23 Persons.			
18	Water Requirements & source	Domestic: 0.5 KLD (@ 45 lpcd) Dust Suppression: 1.00 Total: 1.50 KLD Ground water/Others: 01 Borwell			
19	Waste water generation, Treatment & its Disposal	ii) Quantity of Waste water : 0.40 KLD (80% of water requirement) iii) Treatment Method: Septic Tank iv) Mode of Disposal : a) Plantation purpose.: _____ KLD b) Any other purpose: _____ KLD ** Negligible waste water will be generated**			

20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 163 Nos Funds Allocated :Rs 1,63,000/- towards capital cost (Rs 1000/- per tree as capital cost)																													
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	NO																													
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO Rupnagar will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.																													
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Lacs)</th> <th>Recurring Cost (Lacs/annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>50,000</td> <td>50,000</td> </tr> <tr> <td>2</td> <td>Plantation and maintenance of 163 saplings through State Forest Department under Green Punjab Mission: Plantation cost 3.26 Ha x 50 saplings/Ha= saplings @Rs.1000 per sapling.</td> <td>1,63,000</td> <td>0</td> </tr> <tr> <td>3</td> <td>Drinking water facility, Septic Tank & Mobile toilets and solid waste management</td> <td>65,000</td> <td>10,000</td> </tr> <tr> <td>4</td> <td>Safety equipment's such as gloves, mask, helmet, First aid kit etc.</td> <td>19,000</td> <td>10,000</td> </tr> <tr> <td>5</td> <td>Additional Environmental activities (Rs. 0.5 per MT of Total quantity 30091*0.5) (The amount may be deposited to Forest Department for utilization of the same for development of green area(s)/belt(s))</td> <td>15,045</td> <td>0</td> </tr> <tr> <td>6</td> <td>Regular health check-up camps for the workers engaged in mines shall be organized.</td> <td>10,000</td> <td>10,000</td> </tr> </tbody> </table>			Sr. No	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	50,000	50,000	2	Plantation and maintenance of 163 saplings through State Forest Department under Green Punjab Mission: Plantation cost 3.26 Ha x 50 saplings/Ha= saplings @Rs.1000 per sapling.	1,63,000	0	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	19,000	10,000	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity 30091*0.5) (The amount may be deposited to Forest Department for utilization of the same for development of green area(s)/belt(s))	15,045	0	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000
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	7	Environmental Monitoring (Air, Water Soil etc.).	0	0
	Total		3,22,045	80,000
24	<p>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</p> <p>Sh. XEN/DMO Pathankot of will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 30091 MT, The project proponent has proposed to spent Rs. 15,045.5/- (i.e @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p> <p>i) The project proponent shall deposit Rs. 15,045.5/-for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC.</p>			

During meeting, the Committee perused the KML file of the proposed mining site and observed that the mining site is located at a distance of 73 meter from the habitation area, which is in consonance with the Sustainable Sand Mining Guidelines (SSMG), 2016.

The Committee further observed that the mining plan of the project site has been approved for open cast semi-mechanized method of mining, however, in the application, the Project Proponent has proposed manual method of mining. The Committee agreed to the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 3.26 Ha for the quantity of 15045 TPA, which shall not exceed the quantity of 124749 MT as per the approved DSR at Village-Aalowal, Tehsil & Distt. Rupnagar, Punjab, subject to the conditions attached as **Annexure-2**.

Item No. 266.05: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Khanpur, Tehsil Baba Bakala , District Amritsar, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Amritsar. (Proposal No. SIA/PB/MIN/440113/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Amritsar 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) in an area of 2.02 Ha at Village Khanpur (**Agriculture Site & PMS**), Tehsil Baba Bakala , District Amritsar, Punjab.

The Department has deposited requisite fee of Rs. 4040/- 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/khanpur/1701 dated 09.06.2023.

Deliberations during 257th meeting of SEAC held on 28.08.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Gurbir Singh, DMO, Amritsar.
- (iii) Sh. Gurmeet Singh, SDO, Amritsar, Department of Mines & Geology.
- (iv) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions PvtLtd.

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

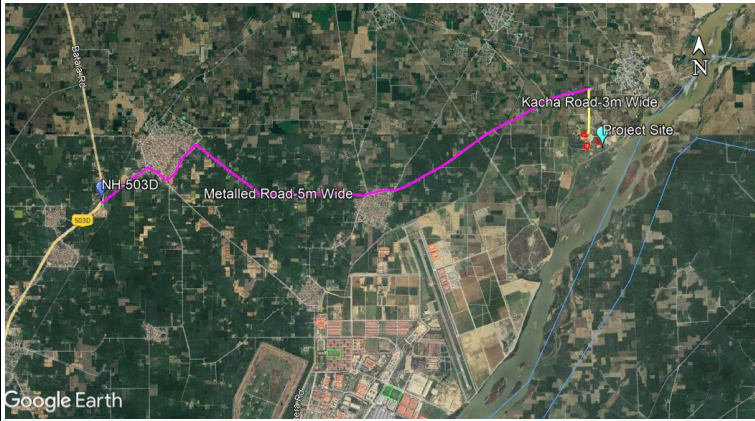
i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	Gurbir Singh, Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920 ee.miningasr@punjab.gov.in
ii)	Name of Environmental Consultant Mobile No. Email ID	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in

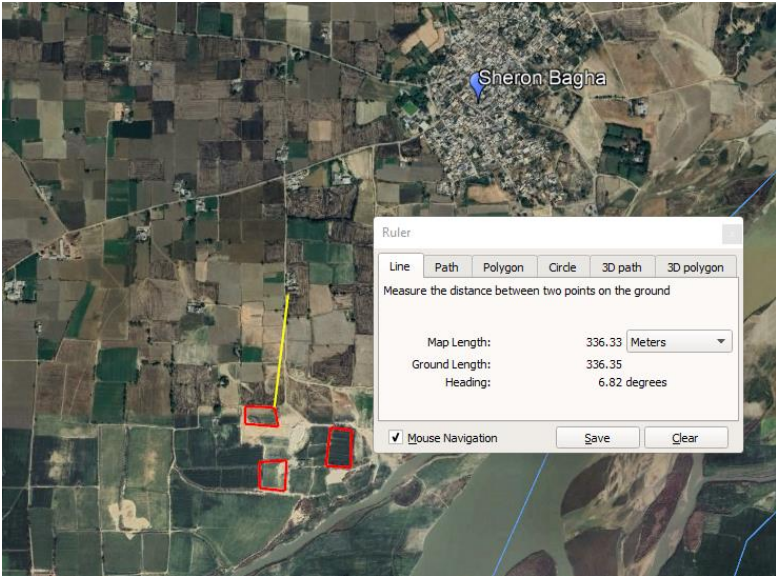
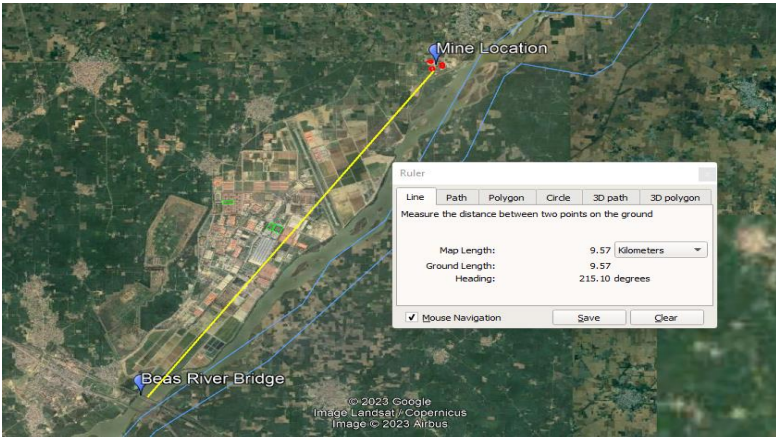
iii)	Online Proposal No.	SIA/PB/MIN/440113/2023
iv)	Project Name & Location	Khanpur Sand Mining Project Village: Khanpur Tehsil- Baba Bakala District- Amritsar, State Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006.	1(a) Mining of Minor Minerals

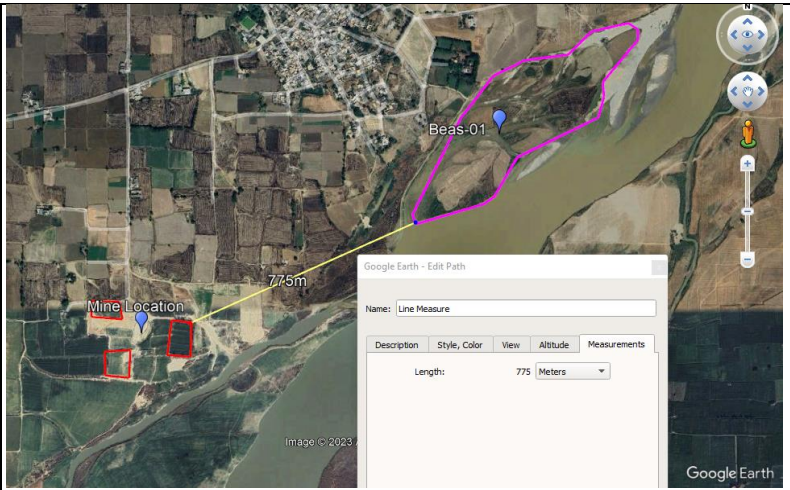
Basic Details of the Case:

S.No	Item	Details			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	3			
iii.	Details of Khasra No. as under:				
	Khasra No. as per proposal	Khasra No. as per DSR	Khasra No. as per consent of land	Name of owner of the land as per land NOC, DSR and Jamabandi	
	206//7, 8/1, 16/2, 24, 205//12, 19/1 , 19/2, 19/3, 19/4, 20	206//7, 8/1, 16/2, 24, 205//12, 19/1 , 19/2, 19/3, 19/4, 20	206//24, 205//19/2, 19/3, 19/4, 20, 206//7,8/1,205//12	Sukhwinder Singh, Balwinder 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.	The Khanpur sand mining area mentioned in the DSR is same as per the proposal submitted i.e. 2.02 Ha			
v.	Area & Quantity details as per Mining plan and proposal	2.02 Ha and 25,517.30 MT (As per Proposal)			
		2.02 Ha and 45,828.14 MT (As per DSR)			

	Area and permissible quantity details as per DSR																																														
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/khanpur/1701. Date of Approval: 09.06.2023 Approved Mining Lease Area: 2.02 Ha. Approved Mining Quantity: 25517.30 TPA																																													
vii.	Longitude & Latitude of the mining site.	<table border="1"> <thead> <tr> <th colspan="3">Geo-Coordinates of the Lease Area</th> </tr> <tr> <th>Pillar No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>RP</td> <td>31°35'9.00"N</td> <td>75°21'54.20"E</td> </tr> <tr> <td>A-1</td> <td>31°35'7.86"N</td> <td>75°21'53.18"E</td> </tr> <tr> <td>A-2</td> <td>31°35'9.69"N</td> <td>75°21'52.75"E</td> </tr> <tr> <td>A-3</td> <td>31°35'9.76"N</td> <td>75°21'49.47"E</td> </tr> <tr> <td>A-4</td> <td>31°35'8.12"N</td> <td>75°21'49.48"E</td> </tr> <tr> <td>B-1</td> <td>31°35'4.67"N</td> <td>75°21'54.10"E</td> </tr> <tr> <td>B-2</td> <td>31°35'4.48"N</td> <td>75°21'51.07"E</td> </tr> <tr> <td>B-3</td> <td>31°35'2.05"N</td> <td>75°21'51.11"E</td> </tr> <tr> <td>B-4</td> <td>31°35'1.81"N</td> <td>75°21'53.94"E</td> </tr> <tr> <td>C-1</td> <td>31°35'4.16"N</td> <td>75°21'58.49"E</td> </tr> <tr> <td>C-2</td> <td>31°35'3.98"N</td> <td>75°22'1.23"E</td> </tr> <tr> <td>C-3</td> <td>31°35'7.50"N</td> <td>75°22'1.35"E</td> </tr> <tr> <td>C-4</td> <td>31°35'7.76"N</td> <td>75°21'59.02"E</td> </tr> </tbody> </table>	Geo-Coordinates of the Lease Area			Pillar No.	Latitude	Longitude	RP	31°35'9.00"N	75°21'54.20"E	A-1	31°35'7.86"N	75°21'53.18"E	A-2	31°35'9.69"N	75°21'52.75"E	A-3	31°35'9.76"N	75°21'49.47"E	A-4	31°35'8.12"N	75°21'49.48"E	B-1	31°35'4.67"N	75°21'54.10"E	B-2	31°35'4.48"N	75°21'51.07"E	B-3	31°35'2.05"N	75°21'51.11"E	B-4	31°35'1.81"N	75°21'53.94"E	C-1	31°35'4.16"N	75°21'58.49"E	C-2	31°35'3.98"N	75°22'1.23"E	C-3	31°35'7.50"N	75°22'1.35"E	C-4	31°35'7.76"N	75°21'59.02"E
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viii.	Details of cluster formation	Submitted																																													
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC for the proposed mining site has been obtained from the respective land owners by Project Proponent.																																													
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Submitted.																																													
xi.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	In the Sub divisional Committee Report included in the approved DSR, Divisional Forest Officer, Department of Forests and Wildlife Prevention Punjab specified that the land of the above said sand mining site is <u>neither included in Areas notified u/s 4 & 5 of PLPA Act, 1900 nor in Areas falling in the Eco-Sensitive Zones of Wildlife Sanctuary & Conservation Reserves cover under Wildlife Protection Act,</u>																																													

		<u>1972 and Punjab Wildlife Preservation Act, 1959. This land of above said sand mining site is not forest land and there is no objection in this regard.</u>
xii.	Salient features of approved mining plans.	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/khanpur/1701. Date of Approval: 09.06.2023 Approved Mining Lease Area: 2.02 Ha. Approved Mining Quantity: 25517.30 TPA
xiii.	Method of mining.	Opencast Semi-mechanized
xiv.	No. of workers on the site when fully operational.	20
xv.	Total water requirement for domestic and other usage and its source.	Domestic: 0.50 KLD Dust Suppression: 1.00 KLD Green Belt: 1.10 KLD Total: 2.60 KLD
xvi.	Waste water generation and its disposal	Mobile toilet with Septic tank followed by Soak pit.
xvii.	Information regarding nos. of truck/trolleys per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.	Transportation of sand from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trolleys. Transportation route map submitted 
xviii.	Activities to be undertaken under EMP along with its cost.	Submitted.
xix.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	Self-Declaration certifying that No litigation is pending against the proposed mining site has been submitted by the Project Proponent.

xx.	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees would be felled during mining activity
xxi.	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	<p>Sheron Bagha is the nearest village at a distance of 336m towards North direction.</p> 
xxii.	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	<p>Beas River Bridge- 9.57 Km towards SW from the mine lease area.</p> 
xxiii.	In case, the proposed mining site does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.	Beas-01 Sand Mine is at a Distance of 775m towards NE from the Mine lease area.



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

S.No.	Proposed Activities	Capital Cost (in Rs.)
1	Solar Lamp distribution in nearby villages	30,000/-
2	Provide drinking water in nearby schools	
3	Constructions of sitting benches in Village streets	
4	Plantation of trees with tree guards	
5	Distribution of wheel chairs for the handicapped students	
6.	Additional Environment Activities (12579 Tons) @ Rs 1.5 per ton for Semi-Mechanized Mining	1.5*12579*2 = 38,277/-
	Total	68,277/-

xxv. **Additional details as under:**

S.No.	Item	Details			
		Description	As per the EC application	As per the approved DSR	As per the Mining Plan
1.	j. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Mine Capacity in MT	25517.30	45828.14	25517.30
	k. Area of the Mine as per EC	Mine Capacity in TPA	12758.65	--	12758.65

	application/DSR/Mining plan	Mining Area on mining in HA	2.02	2.02	2.02
	i. Depth of mining as per EC application/DSR/Mining plan	Depth of Mining in m	2.76	2.76	2.76
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR			
2.	Details of Final District Survey Report	Approved by :- SEIAA Reference No: 637 Date of Issue: 18.04.2023			
3.	Cost of the project	Rs. 35,08,629/-			
4.	Environment Management Plan along with Budgetary breakup and responsibility to implement	The Project Proponent Shall submit an undertaking, authorizing an Officer/personnel who will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.			

The Committee observed that the Project Proponent has applied for less quantity of mining i.e., 25517.30 MT in comparison to the permissible mining quantity as approved in the DSR i.e., 45828.14 MT without change in the land area i.e., 2.02 Ha. The Committee asked the Project Proponent to explain the same.

The Project Proponent informed that the proposed area of mining site has been reduced as compared to area mentioned in the application proposal because they are not getting the NOCs for the total land area from the land owners. In such case, the Committee asked the Project Proponent to revise the proposal as well as the Mining Plan. The Department agreed to the same.

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

- (i) The Project Proponent shall submit the revised proposal along with revised Mining Plan.
- (ii) The Project Proponent shall submit the layout plan by superimposing the proposed mining area with the area approved in the DSR in different colors.
- (iii) The Project Proponent shall submit the revised Environment Management Plan.
- (iv) The Project Proponent shall revise the proposal for carrying out the transportation of the mining material through tippers of capacity not exceeding 10 Tons.
- (v) The Project Proponent shall submit an undertaking duly signed by the DMO to the effect that the khasra Nos & area mentioned in the application proposal are as per the land NOC and latest jamabandi of proposed mining site.

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Mr. Gurbir Singh, DMO, Department of Mines & Geology, District Amritsar.
- (ii) Sh. Paras Kamboj, Mining Inspector, Department of Mines & Geology.
- (iii) Dr. Arshad Shaik, Environmental Consultant, M/s Right Source Pvt Ltd.

The Committee allowed the Environmental Consultant to present the reply of the aforementioned observations.

The Environmental Consultant informed that due to some administrative reasons, he would like to withdraw application of Khanpur Sand Mining Project over an extent of 2.02 hect, Khasra No: 206//7, 8/1, 16/2, 24, 205//12, 19/1, 19/2, 19/3, 19/4, 20 at Khanpur Village, Baba Bakala Tehsil, Amritsar District, Punjab State.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to allow the Project Proponent to withdraw the application proposal.

Item No. 266.06: Application for Environmental Clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely “Atlantis Heights” located at Village Nabha, Zirakpur, District SAS Nagar, Punjab by M/s Atlantis (Proposal No. SIA/PB/INFRA2/433772/2023).

The Project Proponent has submitted application for Environmental Clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely “Atlantis Heights” located at Village Nabha, Zirakpur, District SAS Nagar, Punjab. The total area of the project is 8238.84 sqm having built up area of 27186.61 sqm. The project is covered under category 8(a) of the schedule appended with the EIA Notification dated 14.09.2006. The total cost of the project is Rs. 30 Cr.

The Project Proponent has submitted online form, checklist & other relevant documents through Parivesh Portal. He has deposited fee of Rs. 54,374/- vide UTR No. N170232508756295 dated 19.06.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

The latest construction status report furnished by Punjab Pollution Control Board vide letter No. 5314 dated 24.07.2023 is as under:

“It is further intimated that the proposed site of the project was visited by officer of the Board on 4/7/2023 and the pointwise status report is as under:

- 1. The proposed site of the project is located at Village Nabha, Zirakpur, Dist. SAS Nagar. The project proponent has earmarked its site with flag poles and no boundary wall / fencing is provided.*
- 2. The project proponent has not started development works at site.*
- 3. As per the boundary limits shown by the representative, it was observed that there is no operational approved/consented industry such as rice sheller/ saila plant/ brick kiln/ stone crushing/ screening cum washing unit/ hot mix plant/ cement grinding unit within a radius of 500 m. There is no operational approved/consented air polluting industry within a radius of 100 m from the boundary of the project site and there is no operational approved/consented MAH industry within a radius of 250 m radius from the boundary of the proposed site. There is no operational approved/consented Jaggery Unit within 200 m.*
- 4. The site of the project is conforming to the sitting guidelines laid down by the Govt. of Punjab, Department of Science Technology and Environment vide order dated 25/07/2008 as amended on 30/10/2009.*

It is relevant to mention here that the Board vide letter no. SEE(HQ-2)/2022/F.No.82 dated 11/3/2022 has intimated that it has been observed that while filing application for Environment Clearance under EIA notification, 2006, the project proponents proposed to discharge their effluents into public sewer. At times, the capacity of the STP is not adequate to handle the additional effluents load of such project. For instance, cities like Zirakpur and Kharar have treatment capacity much below the present effluent generation. Despite this, the MCs of these cities are giving NOCs for allowing the outlet of new projects to their sewer. In absence of environmentally sound disposal arrangements, untreated or partial treated effluent is being bypassed from these STPs causing serious environmental damages. In absence of sustainable disposal arrangements,

the project proponents, resort to unhealthy practices, like disposal of effluents into the bore wells or for stagnation or to unknown places / drains / roadside / ponds through mobile tankers etc. Further requested State Level Environment Impact Assessment Authority that the Environment Clearance may not be granted for disposal of effluent into public sewer in case the city STPs have not adequate capacity to handle the additional wastewater from such new / expansion projects. There project proponents shall be advised to provide concrete proof for alternate modes of disposal like availability of adequate land for utilizing treated effluents for plantation or to adopt other environmentally sound effluent disposal arrangements.

Further, it is appropriate to mention here that the authority of the MC, Zirakpur was given personal hearing before the worthy Chairman of the BOard on 11/4/2022, as per decision no. (iii) i.e. M.C. Zirakpur be directed not to approve new project plans till necessary infrastructure like sewer/ STPs/ disposal mechanism is not put in place with copy to PSLG. The project proponent has not submitted permission regarding additional land for the disposal of treated effluent till the sewer line is not available at project site. Moreover, present STP of MC, Zirakpur is under capacity and is not adequate to handle the additional effluent load of such projects.”

Deliberations during 256th meeting of SEAC held on 21.08.2023.

The meeting was attended by the following:

- (i) Sh. Vishwas Chadha, Partner M/s Atlantis.
- (ii) Sh. Deepak Gupta, Environmental Advisor.
- (iii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEAC allowed the Environmental Consultant of the Promoter Company to present the salient features before the Committee as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	Atlantis Heights” by M/s Atlantis
1.2	Proposal:	SIA/PB/INFRA2/433772/2023
1.3	Location of Project:	Village Nabha, Zirakpur, Tehsil Derabassi , Distt. Mohali, Punjab
1.4	Details of Land area & Built up area:	Plot area: 8238.84sq.m. Built up area: 27186.61 sq.m.
1.5	Category under EIA notification dated 14.09.2006	The project falls under S.No. 8(a) - ‘Building & Construction Project’ as built-up area of the project will be 27186.61 sq.m.
1.6	Cost of the project	Rs. 30 Crores
2.	Site Suitability Characteristics	

2.1	Whether project is suitable as per the provisions of Master Plan:	Master Plan of Derabassi showing location of the project submitted.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	The permission for Change of Land use for the land area measuring 8238.84 sqm not submitted, however, the Project Proponent submitted the land ownership document in form of letter of consent in the name of Atlantis for the land area measuring 9850 sqyards (8234 sqm) and in form of sale deed of total land area measuring 3 bigha 6 biswa (3785.46 sqm).
3	Forest, Wildlife and Green Area	
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No, undertaking in the prescribed format submitted.
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	No, undertaking in the prescribed format submitted.
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	No, undertaking in the prescribed format not submitted.
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No. The project does not fall within any eco-sensitive zone.
3.5	Green area requirement and proposed No. of trees:	Total green area: 2525 sq.m. Proposed trees to be planted: 125 nos.
4.	Configuration & Population	

4.1	Proposal & Configuration	Area Statement			
		Sl. No.	Description	Area (in sq.m.)	
		1.	Total Plot Area	8238.84 sq.m	
		2	Built up area	27186.61 sq.m.	
4.2	Population details	970 persons			
		Flats 194 Flats	194 flats@ 5 residents each per flat	970 Persons	
		Total Estimated Population = 970 Persons			
5	Water				
5.1	Total fresh water requirement:	87 KLD			
		Table 5: Water demand & wastewater generation calculations			
		Sl. No.	Details	Population	Criteria
		1.	Flats Population	970 @ 135 lit./day	131 M3/day
		2.	Domestic water required		131 M3/day
3.	Total Flow to STP@ 80%	(Domestic water)	105 M3/day		
4.	Reuse of treated waste water	Flushing @ 45 ltr/person Green area <u>2525@5.5</u> ltr/sqm	44 M3/day 14 M3/day 58 M3/day		
5.2	Source:	Bore wells			
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	No, permission from PWRDA is not required as water demand will be met exclusively for Drinking and Domestic purpose.			
5.4	Total wastewater generation:	105 KLD			
5.5	Treatment methodology:	105 KLD of wastewater will be generated from the project which will be treated in proposed STP of 160 KLD capacity based on SBR Technology followed by UF.			

	(STP capacity, technology & components)															
5.6	Treated wastewater for flushing purpose:	44 KLD														
5.7	Treated wastewater for green area in summer, winter and rainy season:	Summer: 14 KLD Winter: 4 KLD Monsoon:1 KLD														
5.8	Utilization/Disposal of excess treated wastewater.	47 KLD excess treated water will be disposed in to MC sewer.														
5.9	Cumulative Details:															
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Total water Requirement</th> <th>Total wastewater generated</th> <th>Treated wastewater</th> <th>Flushing water requirement</th> <th>Green area requirement</th> <th>Into sewer</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>131 KLD</td> <td>105 KLD</td> <td>104 KLD</td> <td>44 KLD</td> <td></td> <td>Summer: 47 KLD Winter:57 KLD Monsoon:60 KLD</td> </tr> </tbody> </table>	S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer	1.	131 KLD	105 KLD	104 KLD	44 KLD		Summer: 47 KLD Winter:57 KLD Monsoon:60 KLD	
S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer										
1.	131 KLD	105 KLD	104 KLD	44 KLD		Summer: 47 KLD Winter:57 KLD Monsoon:60 KLD										
5.10	Rain water harvesting proposal:	3 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.														
6	Air															
6.1	Details of Air Polluting machinery:	2x240, 2x 125 KVA capacity will be installed for essential services such as STP, borewell, etc.														
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG set will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.														
7	Waste Management															

8.	Green area development	4.0		1.5
9	Smoke gun	6.0	2.0	
Total		91.50	9.0	17.0
Monitoring Plan			5.90	6.90
Further, Rs. 30.0 Lakhs i.e. 1% of total project cost has been reserved for undertaking additional Environment activities.				

The Committee perused letter No. 5314 dated 24.07.2023 of PPCB and noted the observation of PPCB that the treatment capacity of Zirakpur & Kharar STPs is much below the present effluent generation. Despite this, the MCs of these cities are giving NOCs for allowing the outlet of new projects to their sewer. In the absence of environmentally sound disposal arrangements, untreated or partial treated effluent is being bypassed from these STPs causing serious environmental damages. In the absence of sustainable disposal arrangements, the project proponents, resort to unhealthy practices, like disposal into bore wells or for stagnation or to unknown places / drains / roadside / ponds through mobile tankers etc. The PPCB has accordingly requested State Level Environment Impact Assessment Authority (SEIAA) that EC may not be granted for disposal of effluent into public sewer in case the city STPs does not have adequate capacity to handle the additional wastewater from such new / expansion projects. PPCB have further stated that the project proponents shall be advised to provide concrete proof for alternate modes of disposal like availability of adequate land for utilizing treated effluents for plantation or to adopt other environmentally sound effluent disposal arrangements.

The Committee also perused the letter No. 2000 dated 13.06.2023 issued by E.O, Nagar Council, Zirakpur in respect of project under consideration and noted that the treatment capacity of STP Zirakpur is much below the present effluent generation as pointed out by the PPCB in their letter dated 24.07.2023. It has further been mentioned by E.O that one more STP of 17 MLD is being installed by Sewerage Board for Kishanpura Area for which tender has been allotted to M/s Anand Projects Company and the work is likely to be completed shortly. The E.O has further stated that a resolution for installing 17 MLD STP for Nabha village has been passed by Nagar Council, Zirakpur. It was further mentioned by E.O that the above proposals shall be got completed within 2 years. The E.O has further mentioned that 65 KLD of treated sewage of the project can be connected to the main sewer after depositing of the necessary charges.

The Committee was apprised that Punjab Water Supply & Sewerage Board vide letter No. PWSSB/D:II/2022/21061 dated 16.12.2022 informed SEIAA that presently 20.16 MLD of sewage is being received at the existing STP of 17.3 MLD capacity. Further to address the gap in sewage, the work for installing another STP of 17 MLD capacity has already been allotted but the work has been held due to land court case.

In view of the comments of PPCB, the Project Proponent was advised to provide the alternative scheme for the utilization of treated effluent as a stop gap arrangement till the time the new STP for which the work has already been allotted gets completed and thereafter the Project Proponent is allowed to connect the project sewer with MC sewer. The Committee after detailed deliberations, decided to defer the case till the receipt of reply from the Project Proponent.

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Sh. Vishwas Chadha, Partner M/s Atlantis.
- (ii) Sh. Deepak Gupta, Environmental Advisor.
- (iii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEAC allowed the Environmental Consultant of the Promoter Company to present the ADS reply before the Committee as under:

Sr. No.	Observation	Reply given by the Project Proponent
1.	The Project Proponent was advised to provide the alternative scheme for the utilization of treated effluent as a stop gap arrangement till the time the new STP for which the work has already been allotted gets completed and thereafter the Project Proponent is allowed to connect the project sewer with MC sewer	Punjab Water Supply & Sewerage Board has already awarded the work order of boundary wall of STP and the bid for construction of STP will be opened after that the STP construction work will be awarded and the STP construction will be completed within two years. The project will be completed within three years.

The Committee perused the reply given by the Project Proponent along with SEIAA letter No. SEIAA/2023/1897 dated 07.11.2023, wherein it has been mentioned that Punjab Water Supply & Sewerage Board vide letter No. PWSSB/2023/D-2/25363 dated 27.10.2023 intimated that *“the DPR of Zirakpur town amounting to Rs. 6049.09 Lakhs has been approved during DPR/estimate approval Committee meeting held on 12.10.2023. The DPR also consists of proposal for installation of STP of 22.5 MLD along with 3 KLD FTP in Zirakpur town. The tenders for the work will be called shortly and the work regarding construction of STP will be completed within 2 years after allotment of tender”*.

In view of above, the Committee asked the Project Proponent to submit an affidavit duly attested by the Executive Magistrate stating that the Project Proponent shall not give possession to the flat owners until the outlet of the project sewer is connected with the MC sewer and until the completion of new STP of 22.5 MLD as mentioned in PWSSB letter dated 27.10.2023. Further, Punjab Pollution Control Board (PPCB) also shall not issue Consent to Operate (CTO) till the project sewer is connected with the MC sewer.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits an affidavit duly signed by the Executive Magistrate stating that the Project Proponent shall not give possession to the flat owners until the outlet of the project sewer is connected with the MC sewer & completion of the new STP of 22.5 MLD at Zirakpur Town.

Item No.266.07: Application for Environmental Clearance under EIA Notification dated 14.09.2006 for expansion of Group housing Project namely “Florence Park” located at Village Dhode Majra, New Chandigarh, Distt. SAS Nagar (Mohali), Punjab by M/s Ambika Realcon Pvt. Ltd. (Proposal No. SIA/PB/INFRA2/438206/2023).

The Project Proponent was granted Environmental Clearance under EIA notification dated 14.09.2006 for construction of group housing project namely Ambika city in the revenue estate of village Dhodhe majra, New Chandigarh District SAS nagar vide letter no. 2561 dated 10.06.2016. The total land area of the project was 42334.161 sq.m. having built area of 1,46,613.16 sq.m. The project was covered under category 8(a) of the schedule appended with the EIA notification dated 14.09. 2006. The project comprising of residential and commercial is in the approved Master Plan of New Chandigarh (Mullanpur) and it falls in mixed land use zone.

The project proponent has submitted application for Environmental Clearance under EIA Notification dated 14.09.2006 for expansion of Group housing Project namely “Florence Park” located at Village Dhode Majra, New Chandigarh, Distt. SAS Nagar (Mohali), Punjab.

The land area of the project after Expansion shall be 43092.95 sq.m. and built-up area of project after Expansion shall be 163637.516. The project is covered under category 8(b) of the schedule appended with the EIA notification dated 14.09.2006.

The project proponent submitted EIA report, TOR compliance and other additional documents through online portal. The Project proponent has also deposited Rs. 4,260/- vide UTR No. PUNBH22097248652 dated 07.04.2022 and Rs. 12,770/- vide UTR No. PUNBH23206657828 dated 25.07.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 7225 dated 18.09.2023 furnished the latest construction status report is as under:

“The project site was visited by officer of the Board on 31.08.2023 and it was observed as under:

- 1. The proposed site of the project is located at Village Dhode Majra, New Chandigarh, District SAS Nagar, during the visit no construction work was in operation.*
- 2. As per site shown by representative, some construction has been carried out at one part of basement. The representative informed that they had obtained Environmental Clearance for the same earlier and no construction is done except that Environmental Clearance.*
- 3. As per the boundary limits of the site shown by the representative of the promoter company during the visit, there is no approved existing operational MAH industry within a radius of 250m from the boundary of the proposed site of the project.*
- 4. As physically observed, the distance of the proposed site from the various approved existing operational industries/units (for which specific siting guidelines has been issued*

by the Board for time to time), is more than the required distance as per the siting criteria given as under:

Sr. No.	Type of industrial unit	Required distance as per siting criteria
1.	Cement plant/grinding unit	300m
2.	Rice Sheller/Saila Plant	500m
3.	Stone crushing/screening cum washing plant	500m
4.	Hot Mix Plant	300m
5.	Brick Kiln	300m
6.	CBWTF	500m
7.	Poultry Farm	500m
8.	Jaggery unit	200m
9.	Retail Outlet (Petrol Pump)	50 m

5. *The site of the project is conforming to the siting guidelines laid down by the Government of Punjab, Department of Science Technology and Environment vide order dated 25.07.2008 as amended on 30.10.2009."*

Deliberations during 260th meeting of SEAC held on 25.09.2023.

The meeting was attended by the following:

- (i) Mr. Rajinder Kumar Aggarwal, CA M/s Ambika Realcon Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent	Expansion of Group Housing Project "Florence Park" at Village Dhode Majra, New Chandigarh, Distt. SAS Nagar (Mohali), Punjab.
1.2	Proposal	SIA/PB/INFRA2/438206/2023
1.3	Location of Project	Village Dhode Majra, New Chandigarh, Distt. SAS Nagar (Mohali), Punjab.

1.4	Details of Land area & Built up area	Sl. No.	Description	EC accorded	Proposed	Total after Expansion
		1.	Total Site Area	<u>42,334.16</u> <u>1 sq.m.</u> (10.461 acres)	758.78 sq.m. (0.1875 acre)	43,092.95 sq.m. (10.6485 acres)
		2.	Built-up Area	1,46,613.16 sq.m	17,024.356 sq.m	1,63,637.516 sq.m
1.5	Category under EIA notification dated 14.09.2006	8(b)				
1.6	Cost of the project	Total project cost after expansion is estimated to be Rs. 398.11 Crores. Comparison details as per earlier EC accorded is given below:				
		Project Cost	EC Accorded (Revised cost)	Proposed (for Expansion)	Total (after Expansion)	
			*Rs. 379.61 crores (210.13 + 169.48)	Rs. 18.50 Crores	Rs. 398.11 Crores	
		*Project cost as per EC letter was 210.13 crores. Revised cost estimates against the planning in earlier EC = Rs. 379.61 crores. Rs. 355.93 crores have been spent on project till 15.03.2023.				
2.	Site Suitability Characteristics					
2.1	Whether project is suitable as per the provisions of Master Plan	Master plan showing the location of the project submitted.				
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof:	1. Permission for Change of Land use for total land area measuring 10.461 acres for the construction of group housing project issued by Chief Town Planner vide Memo no. 96-CTP(PB)SP-432 dated 07.01.2016 submitted.				

	(CLU/building plan approval status)	2. Permission for Change of Land use for total land area measuring 0.1875 acres for the construction of group housing project issued by Chief Town Planner vide Memo no. 7416-CTP(PB)SP-432M dated 03.12.2021 submitted.
3	Forest, Wildlife and Green Area	
3.1	Whether the project required clearance under the provisions of Forest Conservations Act, 1980 or not:	A copy of permission letter issued by DFO, Department of Forest & Wildlife, SAS Nagar vide letter no. FCA No. 9937 dated 25.02.2016 submitted, wherein it has been mentioned that no forest land is involved in the proposed land are of 10.461 acres.
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	A copy of permission letter issued by DFO, Department of Forest & Wildlife, SAS Nagar vide letter no. FCA No. 9937 dated 25.02.2016 submitted, wherein it has been mentioned that no PLPA land is involved in the proposed land are of 10.461 acres.
3.3	Whether project required clearance under the provisions of Wildlife Protection Act, 1972 or not:	The project does not fall in eco-sensitive zone of City Bird Sanctuary as the project is located at a distance of approx. 11 km from the project location. However, Sukhna Wildlife Sanctuary is located 9.8 km from the project site for which NBWL Clearance is required. Thus, application has already filed vide proposal no. FP/PB/Others/6372/2022 dated 24.05.2022 and screenshot showing the status of the application is attached with application.
3.4	Distance of the project from the Critically Polluted Area.	The nearest critically polluted area is Ludhiana which is approx. 82 km from our project location.
3.5	Whether the project falls within the influence of	Project falls outside the eco-sensitive zone of City Bird Sanctuary. However, it falls inside the eco-sensitive zone of

	Eco-Sensitive Zone or not.	Sukhna Wildlife Sanctuary. Thus, application has already been filed for wildlife clearance for the project.			
3.6	Green area requirement and proposed No. of trees:	Total green area after expansion: 11,251.033 sq.m. No. of trees required = 728 trees Proposed trees to be planted: 735 trees.			
4.	Configuration & Population				
4.1	Configuration				
	Sl. No.	Description	EC accorded	Proposed	Total after Expansion
	1.	Total Site Area	42,334.161 sq.m. (10.461 acres)	758.78 sq.m. (0.1875 acre)	43,092.95 sq.m. (10.6485 acres)
	2.	Components	<ul style="list-style-type: none"> 8 Residential Towers 1 Community Building 	<ul style="list-style-type: none"> 1 Tower 1 Villa 8 commercial booths 17 commercial units 	<ul style="list-style-type: none"> 9 Residential Towers 1 Villa 8 commercial booths 17 commercial units 1 Community Center/ nursery school
	3.	No. of Flats	893 Flats	- 181 Flats	712 Flats
	4.	Built up Area	1,46,613.16 sq.m	17,024.356 sq.m	1,63,637.516 sq.m
	5.	Green Area	10,885.50 sq.m	365.533	11,251.033 sq.m
	6.	Estimated Population	4,527 Persons	-522 Persons	4,005 Persons
	7.	Total Water Requirement	896 KLD	- 405 KLD	491 KLD
	8.	Fresh Water Demand	695 KLD	- 370 KLD	325 KLD
	9.	Wastewater Generation	717 KLD	- 317 KLD	400 KLD
	10.	STP capacity	800 KLD	- 200 KLD	600 KLD (installed in 2 modules having capacity 300 KLD each)
	11.	Parking provision	1,966 ECS	- 472 ECS	1,494 ECS
	12.	Solid waste generation	1,798 kg/day	- 284 kg/day	1,514 kg/day

13.	Rain water recharging pits	10 Pits (7 pits already constructed)		
14.	Power Load	6,172 KVA	- 566.91 KVA	5,605.09 KVA
15.	DG sets	Total 4 DG sets of 1000 KVA each	Capacity has been changed.	Total 4 DG sets i.e. 3 no. 1010 kVA & 1 no. 500 kVA (Existing 2 DG sets i.e. 1010 kVA & 500 kVA)
16.	Project Cost	*Rs. 379.61 crores (210.13 + 169.48)	Rs. 18.50 Crores	Rs. 398.11 Crores

**Revised cost estimates against the planning in earlier EC. Project cost as per EC letter was Rs. 210.13 crores.*

FAR, Non-FAR, Built-up Area & Ground Coverage

Sr. No.	Tower	No. of Floors	FAR details (in sq.m.)	Non-FAR (in sq.m.)	Built-up Area (FAR+ Non-FAR (in sq.m))	Ground Coverage (in sq.m.)
1	T1	G+14	6787.108	1,621.344	8408.452	137.811
2	T2A	G+15	9236.570	1,649.861	10886.431	685.960
3	T2B	G+15	9882.910	1720.440	11603.355	741.013
4	T3	G+15	9236.570	1649.861	10886.431	685.960
5	T4	G+18	13359.633	2134.227	15493.866	840.870
6	T5	G+18	13359.633	2134.227	15493.866	840.870
7	T6	G+18	13002.647	2373.007	15375.653	886.847
8	T7	G+18	13002.647	2373.007	15375.653	886.847
9	T8	G+18	13002.647	2373.007	15375.653	886.847
10	Villa	G+2	1128.00	120	1248	376.00
11	Guard Room	-	10	0	10	10

<i>Total</i>			1,02,008 .365	18,148. 981	1,20,157 .343	6,979. 025
1 2	Commer cial-1 (8 Booths)	-	294.593	0	294.593	294.59 3
1 3	Commer cial-2 units (9- 17)	-	3,718.29 0	948.91 0	4667.2	941.72 4
1 4	Commer cial-3 units (1- 8)	-	3,311.60 0	831.71 0	4143.31	837.62 0
1 5	Commun ity Center	-	1,367.02 7	0	1367.02 7	793.36 2
1 6	Toilet block	-	36.000	0	36	36
	Total Commer cial		8,727.51 0	1,780.6 20	10508.1 3	2903.2 98
1 7	Basemen t (Comme rcial)	-	0	4,767.4 40	4767.44	0
1 8	Basemen t (Residen tial)	-	0	28,204. 602	28204.6 02	0
	Total		1,10,735 .874	52,901. 644	1,63,637 .516	9,882. 323

The above said details are as per the approved layout plan.

4.2

Population details

Total no. of persons= 4,005 persons

Sr. No	Block type	Units	Criteria	Population in No.
1.	Residential	712 D.U.s	5 person per D.U	3560
2.	Visitors	—	@10% of residential population	356
3.	Commercial units	17	@ 2 person/unit	34

	4.	Commercial Boot	8	@ 2 persons/booth	16
	5.	Villa	1	5 persons per Villa	5
	6.	Community Center	0.34 acre	100 persons/acre	34
5	Water				
5.1	Total fresh water requirement:		325 KLD		
5.2	Source:		Borewells + GMADA Supply		
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>		Yes. Permission has already been obtained from PWRDA for abstraction of ground water for 695 KLD through 3 borewells vide permission no. PWRDA/02/2022/L3/311 dated 08.02.2022. However, as per revised notification of PWRDA vide no.75340/PWRDA-PWRD0GENL/37/2021-PWRDA-BR/418 dated 27 th January 2023, our project is exempted from obtaining the permission for abstraction of ground water.		
5.4	Total wastewater generation:		400 KLD		
5.5	Treatment methodology: (STP capacity, technology & components)		Wastewater will be treated in already installed STP of 600 KLD capacity based on MBBR Technology (installed in 2 modules i.e. 2x300 KLD).		
5.6	Treated wastewater for flushing purpose:		166 KLD		
5.7	Treated wastewater for green area in summer, winter and rainy season:		Summer: 62 KLD Winter: 20 KLD Monsoon: 6 KLD		
5.8	Utilization/Disposal of excess treated wastewater.		Excess treated wastewater will be utilized for construction purpose and adjoining area developed under Karnal Technology till GMADA sewer is connected.		

5.9	Cumulative Details:							
	Sr. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Excess will be utilized for construction purpose and onto area reserved for Karnal Technology till GMADA Sewer is connected.	
1.	491 KLD	393 KLD	385 KLD in Summer & Winter season and 392 KLD in rainy season	166 KLD	Summer: 62 KLD Winter: 20 KLD Monsoon: 6 KLD		Summer: 157 KLD Winter: 199 KLD Monsoon: 213 KLD	
5.10	Rain water harvesting proposal:			10 no. of rain water recharging pits have been proposed for artificial rain water recharging within the project premises. Out of which, 7 no. rain water recharging pits have been constructed presently. Services Layout Plan showing 10 rain water recharging pits is enclosed along with application.				
		Sl. No.	Description	EC accorded	Proposed	Total after Expansion		
		1.	Rain water recharging pits	10 Pits (7 pits already constructed)				
6	Air							
6.1	Details of Air Polluting machinery:			After expansion, there is provision of total 4 DG sets i.e. 3 no. 1010 kVA & 1 no. 500 kVA. Presently, 2 DG sets of 1010 KVA and 500 KVA has been installed for power backup.				
		Sl. No.	Description	EC accorded	Proposed	Total after Expansion		
		1.	DG sets	Total 4 DG sets of 1000 KVA each	Capacity has been changed.	Total 4 DG sets i.e. 3 no. 1010 kVA & 1 no. 500 kVA (Existing 2 DG sets i.e. 1010		

						kVA & 500 kVA)
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG sets will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.				
7	Waste Management					
7.1	Total quantity of solid waste generation	1,514 kg/day				
		Sl. No.	Description	EC accorded	Proposed	Total after Expansion
		1.	Solid waste generation	1,798 kg/day	- 284 kg/day	1,514 kg/day
7.2	Details of management and disposal of solid waste (Mechanical Composter/ Compost pits)	Biodegradable waste will be composted in 2 Composters of 500 & 200 kg. Out of which, one composter of 500 kg has already been installed within the project premises. Non-biodegradable waste (recyclable waste) will be disposed off through authorized recycler vendors. Inert waste will be dumped to authorized dumping site.				
7.3	Details of management of Hazardous Waste.	Hazardous Waste in the form of used oil from DG sets will be generated which will be managed & disposed off to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.				
8	Energy Saving & EMP					
8.1	Power Consumption:	Agency: Punjab State Power Corporation Limited (PSPCL).				
		Sl. No.	Description	EC accorded	Proposed	Total after Expansion
		1.	Power Load	6,172 KVA	- 566.91 KVA	5,605.09 KVA
8.2	Energy saving measures:	LEDs have been proposed instead of CFLs in the project and approx. 7.476 KW energy will be saved.				

	Also, solar panels of capacity 175 KWP are also proposed within the project premises. Thus, total 182.476 kw of energy will be saved.
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8.3	Details of activities under Environment Management Plan.		
		Remaining Construction Phase	Operation Phase
	Sl. No.	Title	Capital Cost (Rs. Lakhs)
			Recurring Cost (Rs. Lakhs/ Annum)
	1.	Air and Noise Pollution Control (including anti-smog guns, tarpaulin sheets/ barricading, DG set stack height, water sprinklers, etc.)	10
	2.	Water Pollution Control/ Sewage Treatment Plant (Already installed STP of 600 KLD capacity, MBBR-UF)	10
	3.	Landscaping	5
	4.	Solid Waste Management (Installation of remaining 1 Composter of capacity 200 kg)	10
	5.	Rain water harvesting (for Construction of remaining 3 pits as out of 10 pits, 7 pits already constructed.	7
	6.	Energy Conservation measures (Solar lighting, LED fixtures, Solar Panels, etc.)	50
	7.	Environment Monitoring (Ambient air, noise, soil, water, STP outlet, DG stack, etc.)	5
		Total	97 Lakhs
			27 Lakhs
	<p>In addition, Rs. 1.2 Crores has been reserved under CSR as per earlier EC letter; out of which, Rs. 51,75,452/- have been spent against the same. Further, as the additional project cost is 187.98 cr. (Rs. 398.11 cr. – Rs. 210.13 cr.). Thus, Rs. 1.88 Crores (@ 1% of additional project cost) will be spent under Additional Environmental Activities. Details of activities will be submitted prior to SEAC, Punjab meeting.</p>		

During meeting, the Committee observed that the Project Proponent was granted permission for discharging excess treated wastewater into sewer by GMADA vide letter no. 2063 dated 18.08.2023, wherein it has been mentioned that the sewer network for treated sewage is being laid in New Chandigarh by GMADA for which the work is in progress. The storm sewer network

is also to be laid on VR-6 road, New Chandigarh. On completion of the work, the Project Proponent would be allowed to discharge their surplus treated wastewater and rain fall runoff into these networks subject to the terms and conditions laid down by GMADA. It may take up to 3-4 years for completion of work owing to land acquisition issues. In this regard, the Project Proponent proposed to develop the land area as per Karnal Technology for utilization of the excess treated wastewater generated from the project.

The Committee perused the proposal and observed that the Project Proponent has proposed to develop the green area as per Karnal Technology outside the project boundary and lease deed executed for utilization of the land area as per Karnal Technology is valid for only five years. Furthermore, the land ownership of the said land area proposed to develop the green area as per Karnal Technology is not in the name of the Project Proponent. The Committee asked the Project Proponent to submit alternative scheme within project site for the disposal of treated waste water till the connection of project sewer with the MC Sewer. The Project Proponent agreed to the same.

Thereafter, Committee perused the construction status report of the project submitted by Punjab Pollution Control Board vide letter no. 7225 dated 18.09.2023, wherein it has been mentioned as under:

“As per site shown by representative, some construction has been carried out at one part of basement. The representative informed that they had obtained Environmental Clearance for the same earlier and no construction is done except that Environmental Clearance.”

In this regard, the Committee asked the project proponent to submit the justification as to whether the construction activity has been carried out in the expansion part of the project or in the existing land area for which the EC has already been granted.

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

1. The Project Proponent shall submit the acknowledgement of the application submitted to NBWL for Wildlife Clearance as the site of the project is located at a distance of 9.8 Km from Sukhna Wildlife Sanctuary.
2. The Project proponent shall provide the alternative scheme within the project for the utilization of excess treated waste water till the project sewer is connected with the main sewer.
3. The project proponent shall provide the details of the energy saving measures proposed to be adopted as per the statutory provisions.
4. As per latest construction status report furnished by Punjab Pollution Control Board, some construction has been carried out at one part of basement. The Project Proponent shall submit the detailed justification as to whether the construction activity has been carried out in the expansion part of the project or in the existing land area for which the EC has already been granted.
5. The Project Proponent shall submit the details of the activities to be carried out under the Additional Environmental Activities.

6. The Project Proponent shall submit the detailed scheme of the Solid Waste Management and its disposal and earmark the dedicated space on the layout plan.

Deliberations during 263rd meeting of SEAC held on 16.10.2023.

The meeting was attended by the following:

- (i) Mr. Harsh Bhargav, VP M/s Ambika Realcon Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC Coordinator M/s Eco Paryavaran Labs & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC Coordinator M/s Eco Paryavaran Labs & Consultant Pvt Ltd.

The Committee allowed the Environmental Consultant to present the reply of the observations raised in the 260th meeting of SEAC held on 25.09.2023. Thereafter, the Environmental Consultant presented the case as under:

Sr. No.	ADS Queries	Reply
1.	The Project Proponent shall submit the acknowledgement of the application submitted to NBWL for Wildlife Clearance as the site of the project is located at a distance of 9.8 Km from Sukhna Wildlife Sanctuary.	NBWL application has already been submitted vide Proposal No. FB/PB/Others/6372/2022 for obtaining clearance under the provisions of the Wildlife Protection Act, 1972. A copy of NBWL application and screenshot showing the current status submitted.
2.	The Project proponent shall provide the alternative scheme within the project for the utilization of excess treated waste water till the project sewer is connected with the main sewer.	Regarding disposal of excess treated waste water, the Project Proponent informed that during rainy season, the quantity of excess treated water generated from the project shall be 220 KLD. As an alternative arrangement, 2 acres of land has been reserved for Karnal Technology for utilization of excess treated wastewater generated from the project till GMADA sewer will be connected. Layout plan showing the areas developed under Karnal Technology submitted. Further, Project Proponent informed that the Environmental Clearance has already been granted from SEIAA, Punjab vide Letter No. SEIAA/2561 dated 10.06.2016, in which the quantity of excess treated water discharge was 496 KLD during rainy season which will be discharged into GMADA Sewer. Thus, as per the revised planning, the overall quantity of excess treated water has been reduced from 496 KLD to 220 KLD. Further, recent permission has been obtained from GMADA vide Memo No. GMADA-DE (PH-2)-2023/2063 dated

		18.08.2023 for discharging excess treated wastewater into GMADA sewer.				
3.	The project proponent shall provide the details of the energy saving measures proposed to be adopted as per the statutory provisions.	Adequate energy efficient measures in the form of LEDs instead of CFLs are being provided in the common areas. Also, solar panels of 175 KW capacity are proposed on the roof top of the towers. Presently, overall 40.80 KW of solar panels have already been provided on roof top of the tower nos. 4, 5, 6, 7 & 8. Quantification of energy saved for the project is submitted. Terrace layout plan showing the solar panels is submitted.				
4.	As per latest construction status report furnished by Punjab Pollution Control Board, some construction has been carried out at one part of basement. The Project Proponent shall submit the detailed justification as to whether the construction activity has been carried out in the expansion part of the project or in the existing land area for which the EC has already been granted.	The Project Proponent informed that no construction activity has been carried out beyond the permissible built-up area as per earlier EC granted. As per EC granted, the basement area of 45,021.48 sq.m was approved and break-up of EC accorded built-up area stating the same is submitted. However, as per the revised planning, the basement area has been reduced from 45,021.48 sq.m to 32,972.042 sq.m.				
5.	The Project Proponent shall submit the details of the activities to be carried out under the Additional Environmental Activities.	Rs. 1.2 Crores has been reserved under CER as per earlier EC letter. Out of which, Rs. 61,91,350/- have been spent against the same. While, remaining amount i.e. 58 lakhs will be spent under: <ul style="list-style-type: none"> Promoting tree plantations, tree Plantation in nearby surroundings areas. Rain water harvesting, solar street lighting system in and around the area, etc. Further, as the additional project cost is Rs. 187.98 cr. (Rs. 398.11 Cr. – 210.13 Cr.). Thus, Rs. 1.88 Crores (@ 1% of additional project cost) will be spent under additional environmental activities as given below: <table border="1" data-bbox="762 1870 1401 1960"> <thead> <tr> <th>Activities</th> <th>Amount (in Lakhs)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Activities	Amount (in Lakhs)		
Activities	Amount (in Lakhs)					

		1. Development of Nanak Bagichi in 1.5 acres of land in Village Dhode Majra	60
		2. Provision of Solar Panels in Primary School and Sarai in the Village Dhode Majra	68
		3. Punjab Green Funds	20
		4. Plantation activities and maintenance in Village Dhode Majra	40
		Total amount	Rs. 188 lakhs
		NOC from Sarpanch of Gram Panchayat, Village Dhode Majra is submitted.	
6.	The Project Proponent shall submit the detailed scheme of the Solid Waste Management and its disposal and earmark the dedicated space on the layout plan.	Approx. 200 sq.m. has been reserved for solid waste management within the project premises. The detailed proposal for management & disposal of Solid Waste in compliance with the Solid Waste Management Rules, 2016 is submitted. Layout plan showing the location reserved for solid waste management is submitted. Further, Solid waste management layout plan depicting various components like storage of raw material, segregation area, location of composters, area for ready compost, etc. is submitted.	

The Committee observed that the Project Proponent has proposed to develop 2 acres of land under Karnal Technology at 4 Pockets marked as A, B, C & D in the layout plan. Out of these 4 Pockets, Pocket C falls outside the project as shown in the layout plan. Further, it was observed that the road area earmarked as per the Master Plan of SAS Nagar falls within the remaining Pockets A, B & D. Therefore, the Committee felt that the proposal of Project Proponent is not in line with the decision taken in the 13th Joint Meeting of SEIAA & SEAC. The Committee asked the Project Proponent to submit the revised scheme. After detailed deliberation the following observations were made:

1. The Project Proponent shall provide the alternative scheme for the utilization of excess treated waste water till the project sewer is connected with the main sewer, in compliance of the decision of the 13th Joint meeting of SEIAA & SEAC.
2. The Project Proponent shall submit the point wise compliance of the Environmental Clearance conditions imposed in the earlier Environmental Clearance granted to it.

3. The Project Proponent shall submit the acknowledgement of the receiving of concerned Divisional Forest Officer regarding submission of application for obtaining Clearance under Forest Conservation Act, 1980.
4. The cost proposed for green area development in the EMP seems to be on lesser side and needs to be checked.
5. The Project Proponent shall check & revise the cost proposed for installation of solar panels in primary school and Sarai in Village Dhodemajra.

Deliberations during 265th meeting of SEAC held on 30.10.2023.

The meeting was attended by the following:

- (i) Mr. Harsh Bhargav, VP M/s Ambika Realcon Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

S. No.	ADS Queries	Reply
1.	The Project Proponent shall provide the alternative scheme for the utilization of excess treated waste water till the project sewer is connected with the main sewer, in compliance of the decision of the 13 th Joint meeting of SEIAA & SEAC.	As conveyed in earlier reply, 2 acres of land has been reserved for Karnal Technology for utilization of excess treated wastewater load generated from the project till GMADA sewer will be connected. Out of which, 0.5 acre of land has been reserved in the master plan road which is a part of project land. Construction of master plan road will take time, so till then, such area can be reserved for karnal technology. Further, EC has already been granted for 10.46 acres of land and this is just an expansion of existing project on 0.1875 acre of land only that too when excess treated water discharged load has been decreased from 496 KLD to 220 KLD.
2.	The Project Proponent shall submit the point wise compliance of the Environmental Clearance conditions imposed in the earlier Environmental Clearance granted to it.	It is to highlight that six monthly compliance reports for the said project are being regularly submitted to your esteemed office. Last submitted six monthly compliance report for period ending 31.03.2023 is submitted. Also, verified compliance report has also been obtained from RO, MoEF&CC against the earlier granted Environmental Clearance conditions and copy of the same has already been submitted.

3.	The Project Proponent shall submit the acknowledgement of the receiving of concerned Divisional Forest Officer regarding submission of application for obtaining Clearance under Forest Conservation Act, 1980.	<p>The project does not involve any forest land. NOC has been obtained from DFO vide letter no. 9937 dated 25.02.2016 for 10.461 acres of land. Copy of NOC from Forest Department has already been submitted. While, 0.1875 acre of revenue land has been purchased.</p> <p>Further, as desired during SEAC, Punjab meeting, letter has been submitted to Chief Wildlife Warden regarding submission of application for obtaining Wildlife Clearance. Copy of acknowledgment is submitted.</p>						
4.	The cost proposed for green area development in the EMP seems to be on lesser side and needs to be checked.	450 nos. of trees have already been planted within the project premises. Thus, only 285 no. of trees is yet to be planted within the project. Accordingly, cost of EMP for landscaping for pending tree plantation is already on higher side i.e. Rs. 5 lakhs as capital cost for remaining construction. While, Rs. 5 lakhs/annum have been reserved as recurring cost during operational phase of the project.						
5.	The Project Proponent shall check & revise the cost proposed for installation of solar panels in primary school and Sarai in Village Dhodemajra.	<p>The cost of proposed solar panels has been checked precisely. It has been estimated that 10 KW of solar panel will be installed on the roof top in Primary school and 30 KW in Sarai in the Village Dhodemajra amounting Rs. 15 lakhs and 35 lakhs respectively. Therefore, Rs. 50 lakhs will be spent on the solar panels. While, remaining amount Rs. 18 lakhs will be spent on distribution of jute bags as well as environmental awareness activities.</p> <p>Thus, revised additional environmental activities stating break up of Rs. 1.88 Crores is given below:</p> <table border="1" data-bbox="743 1473 1402 1962"> <thead> <tr> <th data-bbox="743 1473 1230 1559">Activities</th> <th data-bbox="1230 1473 1402 1559">Amount (in Lakhs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="743 1559 1230 1733">1. Development of Nanak Bagichi in 1.5 acres of land in Village Dhode Majra</td> <td data-bbox="1230 1559 1402 1733">60</td> </tr> <tr> <td data-bbox="743 1733 1230 1962">2. Provision of 10 KW of solar panel on the roof top in Primary school and 30 KW in Sarai in the Village Dhodemajra</td> <td data-bbox="1230 1733 1402 1962">15+35 = 50</td> </tr> </tbody> </table>	Activities	Amount (in Lakhs)	1. Development of Nanak Bagichi in 1.5 acres of land in Village Dhode Majra	60	2. Provision of 10 KW of solar panel on the roof top in Primary school and 30 KW in Sarai in the Village Dhodemajra	15+35 = 50
Activities	Amount (in Lakhs)							
1. Development of Nanak Bagichi in 1.5 acres of land in Village Dhode Majra	60							
2. Provision of 10 KW of solar panel on the roof top in Primary school and 30 KW in Sarai in the Village Dhodemajra	15+35 = 50							

		3. Distribution of jute bags as well as environmental awareness activities	18
		4. Punjab Green Funds	20
		5. Plantation activities and maintenance in Village Dhode Majra	40
		Total amount to be spent under Additional Environmental Activities	Rs. 1.88 Crores

During meeting, the Committee observed that the Project Proponent has not submitted adequate reply of the observation raised at Point No. 1. The Project Proponent apprised the Committee about Memo No. GMADA-DE(PH-2)-2023/2063 dated 18.08.2023 issued by GMADA, wherein it has been mentioned that the sewer network for treated sewage is being laid in New Chandigarh, the work for which is in progress. On completion of work, the Project Proponent would also be allowed to discharge surplus treated wastewater. Further, it may take 3-4 years for completion of work owing to land acquisition issues.

On perusal of the aforementioned letter, the Committee observed that as the work for laying down of sewer network for treated sewage is in progress, the Project Proponent shall obtain letter from GMADA regarding the completion of the said work.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the revised letter from the GMADA mentioning the timelines for completion of laying of sewer network for taking care of the treated sewage of the project.

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Mr. Harsh Bhargav, VP M/s Ambika Realcon Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

Sr. No.	ADS Sought	Reply
1	After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the revised letter	Letter from GMADA has been obtained vide dated 31.10.2023 stating that 85% work of trunk sewer on VR-6 road has been

	from the GMADA mentioning the timelines for completion of laying of sewer network for taking care of the treated sewage of the project.	completed and is expected to be completed in next 3-4 months. Further, connection for disposal of surplus treated sewage shall be provided after completion of the whole project in all respects.
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During meeting, the Committee perused GMADA Memo No. GMADA-DE(PH-2)-2023/2954 dated 31.10.2023, wherein it was informed that *“the work of laying of trunk sewer in New Chandigarh was allotted vide letter No. 5541 dated 23.11.2021. The work is already under progress and around 85% of work has already been completed. The work of trunk sewer on VR-6 road is expected to be completed in next 3-4 months. The connection for disposal of surplus treated sewage shall be provided after completion of the whole project in all respects.”*

The Committee observed that the GMADA has not given any timeline for completion of the whole project including laying of sewerage, setting up of STP, re-use of treated waste water etc. The Committee asked the Project Proponent to submit an alternative scheme for utilization of the excess treated wastewater of the project. In this regard, the Project Proponent sought time to submit the reply. The Committee agreed to the same.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the alternative scheme for utilization of the excess treated wastewater of the project.

Item No. 266.08: Application for Environment Clearance under EIA Notification dated 14.09.2006 for construction of a residential project namely “Mega Integrated Residential Township” by M/s Innovative housing and Infrastructure (P) Ltd. (SIA/PB/INFRA2/424213/2023).

1. The promoter company “M/s Innovative Housing & Infrastructure Pvt Ltd” was granted permission for Change of Land use from the Department of Town and Country Planning, Punjab vide No.3818-CTP(Pb)/SP-432(M) dated 03.07.2014 for the land area measuring 155.90 acres falling in Village Teera & Togan, New Chandigarh for the establishment of Mega Residential Project.
2. Thereafter, layout plan was got approved from the Chief Town Planner, Punjab on 11.07.2018 for development of a plotted residential accommodation, plotted commercial component and affordable group housing namely ‘Mega Integrated Residential Township’ for total CLU area of 155.90 acres, out of which net planning area is 95.0250 acres falling in the revenue estate of village Togan and Teera, New Chandigarh, Distt. SAS Nagar.
3. As per said approved layout plan, the summary of the project area is as under:

Sr. No.	Category	Area in Acres
1.	CLU area	155.90
2.	Area not taken in the layout plan	16.343
3.	Layout Area (1-2)	139.56
4.	Area under acquisition	0.6070
5.	Revenue Rastas	2.72
6.	Gross scheme area (3+4+5)	142.89
7.	Area under roads	7.068
8.	Reserved Area for future expansion	27.67
9.	Area reserved for affordable group housing	9.80
10.	Net Planning Area (6-4-5-7-8-9=10)	95.0250 acres

4. Out of the aforementioned components of the project, the affordable group housing site for the land area measuring 9.80 acre was sold out to another promoter company, who has separately obtained environmental clearance under EIA Notification dated 14.09.2006 for carrying out construction of Group Housing project namely “The Address”. In the said environmental clearance a special condition was imposed to the effect that the Project Proponent of M/s. Innovative Housing and Infrastructure (P) Ltd shall be bound to obtain environmental clearance, if area of the main project namely PCL Gateway exceeds 50 Hectares (123.553 acres) as required under the provisions of EIA Notification dated 14.09.2006.
5. The promoter company has obtained Consent to Establish under the Water Act,1974 and Air Act,1981 from Punjab Pollution Control Board on 14.01.2021, which was valid up to 13.01.2022, for the Residential township project to be developed in net planning area of

95.025 acres, having 612 residential plots, Amenities Area in 9.79 acres, EWS area in 7.17 acres and Commercial Area in 3.84 acres.

6. The promoter company started development work of the project on 20.07.2018 and continued the development work of the project apprehending that the project is not covered under the ambit of EIA notification as the planned area of project is only 95.0250 acres, which was less than 50 Hectares (123 acres) as per condition imposed in the EC granted to the project namely 'The Address', which is reproduced herein above.
7. The promoter company prepared a conceptual plan on 04.09.2021 by adding the additional land area in the project making the total project area as 264.69 acres and net planning area as 193.912 acres. The summary of this project area as per this conceptual plan is as under:

Sr.No.	Category	Area in Acres
1.	Total Project Area	264.69
2.	CLU area	155.90
3.	Expansion Area	108.79
4.	Area not taken in the layout plan	16.91
5.	Area under roads	7.068
6.	Area under acquisition	6.20
7.	Revenue Rastas	3.70
8.	Gross scheme area (1-4+6+7)	257.68
9.	Reserved Area for future expansion	35.32
10.	Area reserved for affordable group housing	9.80
11.	Area reserved for group housing	11.58
12.	Net Planning Area (8-5-9-10-11=12)	193.912

8. Since, the area of the project was exceeded beyond 50 Hectares (123 acres), as such, the promoter company applied for obtaining Environmental clearance under EIA Notification to the MoEF&CC on 19.02.2022 informing all the facts prevailing at the time when SEIAA was not functioning. The MoEF&CC granted Terms of References (TOR) vide letter No. IA2-21/12-2021 dated 04.02.2023 for proposed township having residential Plots, Group Housing, Commercial, Institutional and Flats for EWS. The total land area of the project is 264.69 acres having net planning area of 193.912 Acres.
9. SEIAA vide letter No.3986 dated 04.05.2021 has asked the promoter company not to undertake any work or activity of the project except securing of land prior to grant of requisite Environment clearance.
 - a) Directions were issued by SEIAA Punjab u/s 5 of the Environment Protection Act 1986 to the project proponent, vide letter no. SEIAA/MS/2022/933 dated 14.09.2022, to the effect that:
 - I. That the Project proponent shall not undertake any further construction activity of the project or create any further third-party interest in the project till the grant of Environmental Clearance under EIA Notification dated 14.09.2006.

- II. That the project proponent shall pay penalty equivalent to the amount as may be determined based upon OM dated 07.07.2021 at the time of submission of EIA/EMP report, to the Punjab Pollution Control Board. In compliance with the OM dated 28.07.2021 issued by the MOEF&CC, these funds will be deposited in the account of the PPCB maintained for this purpose.
10. Now, the Project Proponent has submitted application for obtaining Environmental Clearance for area township project namely "Mega Integrated Residential Township" at Village Togan & Teera, New Chandigarh, SAS Nagar, Punjab. The Project Proponent has submitted copy of final EIA notification dated 14.09.2006 report after incorporating the compliance of Terms of Reference and other relevant documents. The total land area of the project is 264.69 acres having net planning area of 193.912 Acres and total built up area of 646785.39 sqm. The project is covered under category 8(b) of the schedule appended with the EIA notification dated 14.09.2006. The total cost of the project is Rs. 434 Crore.
11. The Project Proponent is required to deposit fee of Rs. 646786/- and he has deposited fee of Rs.2,35,018/-vide UTR No. HDFCR52021112179365184 dated 24.11.2021 and Rs. 500/- vide cheque No. 33321674 dated 11.05.2023 and Rs. 4,11,500/- vide UTR No. HDFCR52023053160497189 dated 31.05.2023.
12. Earlier, a compliant was also received against the Promoter company for not securing wildlife clearance under Wildlife (Protection) Act 1972. The said matter was discussed 187th meeting of SEIAA held on 09.08.2021, 192nd meeting of SEIAA held on 01.11.2021, 199th meeting of SEIAA held on 25.01.2022, 201st meeting of SEIAA held on 22.02.2022, 203rd meeting of SEIAA held on 29.03.2022, 206th meeting of SEIAA held on 08.06.2022, 209th meeting of SEIAA held on 04.07.2022, 211th meeting of SEIAA held on 27.07.2022 and lastly in 212th meeting of SEIAA held on 17.08.2022. After deliberation in the said matter, SEIAA decided that additional Terms of reference be issued to the project proponent for carrying out detailed EIA & EMP and fulfilling other mandatory requirements as per OM dated 07.07.2021 for obtaining Environmental Clearance as under:
- a) *Environmental Consultant shall prepare EIA report keeping in view Office Memorandum dated 07.07.2021 issued by the MoEF&CC, New Delhi. The EIA report should include Damage Assessment Report, Remedial Plan and Community Resources Augmentation Plan as an independent chapter in the EIA report.*
 - b) *Submit the details of total expenditure on the project up to the filing the EIA report and turnover during the period of violation (duly certified by the project CA).*
 - c) *Submit a separate chapter defining the role and responsibilities of all the stakeholders in the implementation of the proposed Environmental Management Plan as well as for assuring proper compliance of the conditions of Environmental Clearance if granted.*

Deliberations during 253rd meeting of SEAC held on 24.07.2023.

The meeting was attended by the following:

- (i) Sh. Jagjit Singh Majha, MD, M/s Innovative Housing and Infrastructure Pvt Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEAC allowed the Environmental Consultant of the Promoter Company to present the reply before the Committee as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	Mega Integrated Residential Township by M/s Innovative Housing and Infrastructure (p) ltd Jagjit Singh Director
1.2	Proposal:	SIA/PB/INFRA2/424213/2023
1.3	Location of Industry:	Village Togan & Teera SAS Nagar, Punjab
1.4	Details of Land area & Built up area:	193.912 acres (78.47 Ha) Built up area -646785.39 sqm
1.5	Category under EIA notification dated 14.09.2006	8(b)
1.6	Cost of the project	Rs. 434 Crores
2.	Site Suitability Characteristics	
2.1	Whether site of the industry is suitable as per the provisions of Master Plan:	The project falls in mixed use zone as per the master plan of New Chandigarh.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	The permission letter for Change of Land Use total land measuring of 155.90 acres issued by Department of Town & Country Planning, Punjab vide memo No. 5523 CTP(PB)/SP-432 dated 10.11.2016 for Mega Residential Project.
3	Forest, Wildlife and Green Area	
3.1	Whether the industry required clearance under the provisions of Forest Conservation Act 1980 or not:	No, forest area does not fall in the project, an undertaking in this regard in prescribed format submitted.
3.2	Whether the industry required clearance under the provisions of Punjab Land Preservation Act (PLPA) 1900:	No, an undertaking in this regard submitted.
3.3	Whether industry required clearance	No, an undertaking in this regard submitted.

	under the provisions of Wildlife Protection Act 1972 or not:																																								
3.5	Whether the industry falls within the influence of Eco-Sensitive Zone or not. (Specify the distance from the nearest Eco sensitive zone)	No, the project does not fall within any eco-sensitive zone.																																							
3.6	Green area requirement and proposed No. of trees:	Total green area: 50884.109 sq.m Proposed trees to be planted: 9810 nos.																																							
4.	Component wise area classification:																																								
4.1	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Category</th> <th>Area in Acres</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total Project Area</td> <td>264.69</td> </tr> <tr> <td>2.</td> <td>CLU area</td> <td>155.90</td> </tr> <tr> <td>3.</td> <td>Expansion Area</td> <td>108.79</td> </tr> <tr> <td>4.</td> <td>Area not taken in the layout plan</td> <td>16.91</td> </tr> <tr> <td>5.</td> <td>Area under roads</td> <td>7.068</td> </tr> <tr> <td>6.</td> <td>Area under acquisition</td> <td>6.20</td> </tr> <tr> <td>7.</td> <td>Revenue Rastas</td> <td>3.70</td> </tr> <tr> <td>8.</td> <td>Gross scheme area (1-4+6+7)</td> <td>257.68</td> </tr> <tr> <td>9.</td> <td>Reserved Area for future expansion</td> <td>35.32</td> </tr> <tr> <td>10.</td> <td>Area reserved for affordable group housing</td> <td>9.80</td> </tr> <tr> <td>11.</td> <td>Area reserved for group housing</td> <td>11.58</td> </tr> <tr> <td>12.</td> <td>Net Planning Area (8-5-9-10-11=12)</td> <td></td> </tr> </tbody> </table>	Sr. No.	Category	Area in Acres	1.	Total Project Area	264.69	2.	CLU area	155.90	3.	Expansion Area	108.79	4.	Area not taken in the layout plan	16.91	5.	Area under roads	7.068	6.	Area under acquisition	6.20	7.	Revenue Rastas	3.70	8.	Gross scheme area (1-4+6+7)	257.68	9.	Reserved Area for future expansion	35.32	10.	Area reserved for affordable group housing	9.80	11.	Area reserved for group housing	11.58	12.	Net Planning Area (8-5-9-10-11=12)		
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1.	Total Project Area	264.69																																							
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4.2	Population and Water requirement details																																								
	No. of plots 1291 @15person/plot	19365 persons Water consumption @ 135 Ltr/person/day	2614 m ³ /day																																						
	GROUP HOUSING-1 9.8 acres@450 persons/acre	4410 persons Water consumption @ 135 Ltr/person/day	595 m ³ /day																																						
	GROUP HOUSING-2 11.58 acres@ 450 persons/acre	5211 persons Water consumption @ 135 Ltr/person/day	703 m ³ /day																																						
	EWS 13 acres @ 360 persons	4680 persons Water consumption @ 135 Ltr/person/day	632 m ³ /day																																						
	Commercial =4.80 acres @ 100 persons/acre	480 persons Water consumption @ 15 Ltr/person/day	7 m ³ /day																																						
	Public Building =9.8 acres @ 100 persons/acre	980 persons Water consumption @ 45 Ltr/person/day	44 m ³ /day																																						
	TOTAL WATER REQUIRED	(DOMESTIC WATER)	4595 m³/day																																						

	WASTE GENERATION	WATER	3,676 KLD
4.3	Water requirement for flushing:		
	Plots	19365 persons Water consumption @ 45 Ltr/person/day	871.425 KLD
	GROUP HOUSING-1	4410 persons Water consumption @ 45 Ltr/person/day	198.450 KLD
	GROUP HOUSING-2	5211 persons Water consumption @ 45 Ltr/person/day	234.495 KLD
	EWS	4680 persons Water consumption @ 45 Ltr/person/day	210.600 KLD
	Commercial	480 persons Water consumption @ 15 Ltr/person/day	7.200 KLD
	Public Building	980 persons Water consumption @ 15 Ltr/person/day	14.700 KLD
	Total Water required for flushing	1,536.87= approx. 1537 KLD	
Fresh water Requirement	4595 KLD-1537 KLD= 3058 KLD		
5	Water		
5.1	Total fresh water requirement:	3058 KLD	
5.2	Source:	Ground Water	
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) Details thereof	Application has been filed to PWRDA for obtaining permission for the abstraction of groundwater for project.	
5.6	Details of utilization of treated wastewater into green area in summer, winter and rainy season	Green area 50884.109 sqm Summary- 280 KLD, Winter-92 KLD, Rainy- 26 KLD,	
5.7	Details of excess treated waste water	Summer- 1859 KLD Winter- 2047 KLD Rainy- 2113 KLD Permission for disposal of excess treated waste water into public sewer not submitted.	
5.8	Rain water harvesting proposal:	Rain water harvesting system have been proposed for artificial rain water recharge within the project premises for collection of 416980 cubic meter/year of rain water from roof top, green area and roads etc.	
6	Air		

6.1	Details of Air Polluting Machinery and APCDs installed are as under:	05 no of DG Sets of capacity 2x 500 KVA & 2x240 KVA, 1x125 KVA shall be installed which will be provided with canopy and stack of adequate height.			
7	Waste Management				
7.1	Total quantity of solid waste generation	15807 Kg/day			
7.2	Details of management and disposal of solid waste (Mechanical Composter/Compost pits)	Solid waste management area has been provided and marked in conceptual layout attached along with the application. The solid waste generated in the project after completion will be mostly domestic waste. Necessary arrangements for segregation and collection of solid wastes shall be made at source. The recyclables like paper, plastic, tins etc. will be sold to authorized vendors and the Municipal solid wastes will be treated through vermin-culture. Thus, there will be no problem of solid waste from the project.			
8	Energy conservation measures				
8.1	Power Consumption:	Total power demand for the proposed project will be 16 MW which will be provided by Punjab State Power Corporation Limited (PSPCL).			
8.2	Energy saving measures:	(i) Promoting use of solar water heating. (ii) Purchase of energy efficient appliances. (iii) Constant monitoring of energy consumption and defining targets for energy conservation			
8.3	Details of activities under Environment Management Plan.				
	CONSTRUCTION PHASE:				
	Sr. No.	Particulars	Approx. Recurring Cost (Rs in Lac)	Approx. Capital Cost (Rs in Lac)	Basis for cost Estimate
	1.	Medical Cum First Aid	1.5	1.00	first aid medical facility with first aid kit
	2.	Toilets for sanitation system	3.0	5.0	Toilets with septic tank
	3.	Wind breaking curtains	4.0	10.0	Wind breaking walls at vulnerable areas
	4.	Sprinklers for suppression of dust	3.0	12.0	Sprinklers, Pipeline
		Total	11.50	28.0	
	OPERATION PHASE:				

	Sr. No.	Particulars	Approx. Recurring Cost Operational Phase (Rs in Lac)	Approx. Capital Cost Construction Phase (Rs in Lac)	Basis for cost Estimation
	1.	Sewage Treatment Plant	12.0	500.0	Capital cost include cost of STP
	2.	Solid Waste segregation & disposal	22.0	15.0	Colored Bins at appropriate Locations
	3.	Green Belt including grass coverage	5.0	50.0	Plantation and landscaping
	4.	RWH	3.0	30.0	RWH pits and the cleaning
		Total	42.0	595.0	
9.	CER Activities	<p>(i) Mini Jungles with Native Species (Neem, Mango, Ficus etc.) in the villages of Togan, Teera, with approximately 200 to 250 Trees per Jungle have been planned.</p> <p>(ii) Each jungle will be planted with approximately 200 to 250 trees.</p> <p>(iii) We have planned 2 Jungles in Village Togan and 5 Jungles in Village Teera. Each Mini Jungle costing around Rs.4.5 Lakh. Therefore, total of 7 Jungles will be costing approx. Rs.31,50,000 Lakh.</p> <p>(iv) Forests also provide fuel for cooking and warmth, medicinal plants, food, wildlife habitat, clean water, spiritual and cultural touchstones, and for many, the means to earn a living.</p> <p>(v) The concept of Eco-Friendly Jungles is a Japanese Concept created by Akira Miyawaki and also popularly known as the Miyawaki Method. This involves restoring native forests from seeds of native trees on very degraded soil which were deforested and are without humus. Using this he successfully restored many protective forests. Thereby he showed restoration of soil was possible by using judicious choice of pioneer and secondary indigenous species.</p>			
10	Whether damage assessment plan, remediation plan and natural & community	<p>(i) As per the damage assessment plan, remediation plan along with natural & community resource augmentation plan, total no. of days of violation were calculated as 1002 (from 20.07.2018 to 16.08.2022 excluding the COVID-19 period).</p>			

	<p>resource augmentation implementation plan submitted or not? Details of the same.</p>	<p>(ii) The Capital & Recurring cost for Damage Assessment has been estimated as Rs. 33.6904 lac/day and Rs. 0.0253044 lac/day respectively. Whereas, the amount allocated towards Remediation Plan & Natural and Community Resources Augmentation Plan has been proposed as Rs. 161.1285814 lakhs for 1002 days of violation. As per OM dated 07.07.2021 issued by MoEF&CC, the Project Proponent is required to submit the Bank Guarantee of Rs. 51,04,159/- lakhs with Punjab Pollution Control Board prior to the grant of Environmental Clearance and the same shall be released after the successful implementation of the Remediation and Natural & Community Resource Augmentation Plan.</p> <p>(iii) The development work of the project was started on 20.07.2018 and the Promoter company has suo-moto reported to SEIAA, Punjab regarding the construction of the Hotel carried out without obtaining EC under the EIA Notification by way of filing an application for obtaining EC. Therefore, only 0.5% of the total project cost to the tune of 102,08,31,814 incurred up to the date of filing of application, on account of penalty is liable to be paid by our project proponent. Therefore, the amount of penalty comes out to be Rs.51,04,159/-. This amount shall be deposited by the promoter company to PPCB through DD/RTGS etc.in compliance to OM dated 28.07.2022 of the MoEF&CC.</p>
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The Committee observed that the Project Proponent has applied under violation category through Parivesh Portal for obtaining Environmental Clearance under EIA Notification dated 14.09.2006 for the construction of a residential project namely “Mega Integrated Residential Township” in the land area of 264.69 acres having built up area of 646785.39 sqm.

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

- (i) The Project Proponent shall submit the documentary compliance of the following additional ToRs issued by SEIAA:
 - a. *Submit the details of total expenditure on the project up to the filing the EIA report and turnover during the period of violation (duly certified by the project CA).*
 - b. *Submit a separate chapter defining the role and responsibilities of all the stakeholders in the implementation of the proposed Environmental Management Plan as well as for assuring proper compliance of the conditions of Environmental Clearance if granted.*
- (ii) The Project Proponent shall submit the component-wise details of the total land area, built up area along with the details of environmental parameters such as basis of estimating the population, water consumption, waste water generation, reuse of treated waste water for flushing/greening, STP capacity, final disposal of treated waste water etc., as per application proposal.

- (iii) The Project Proponent shall submit the land ownership documents of the remaining land area of 108.79 acres along with the details and status of the application filed for obtaining permission for Change of land Use.
- (iv) The Project Proponent shall submit the detailed proposal for solid waste management including setting up of mechanized Material Recovery Facility (MRF) and also earmark the dedicated space in the layout plan for solid waste management.
- (v) The Project Proponent shall submit the justification along with requisite documents as proof for considering the date of start of construction and date of stoppage of construction considered for calculating the number of days of violation.
- (vi) The Project Proponent shall submit the status of prosecution filed by Punjab Pollution Control Board for the violation of the provisions of the EIA notification dated 14.09.2006.
- (vii) The Project Proponent shall submit the clearance obtained from Chief Wildlife Officer with regard to land area of the project falling under Eco Sensitive zone.
- (viii) The Project Proponent shall submit the proposal for the storm water management by clearly mentioning its disposal arrangements by obtaining permission from local authority.
- (ix) The Project Proponent shall submit the permission for discharging treated wastewater into sewer.
- (x) The Project Proponent shall submit the details of activities proposed to be undertaken under Additional Environmental Activities.
- (xi) The Project Proponent shall submit the separate drawing showing plumbing systems for use of fresh and treated wastewater.
- (xii) The Project Proponent shall submit the revised Contour Plan reflecting the true existing physical features of the site with regard to permanent bench mark.
- (xiii) The Project Proponent shall submit the approved Layout Plan for the net planned area of 95.0250 acres.
- (xiv) The Project Proponent shall submit the Conceptual Plan for Net Planned Area of 193.912 acres. Further, the project proponent shall also submit the details of the areas deducted from the total project area of 264.69 acres.
- (xv) The Project Proponent shall submit Consent to establish obtained Punjab Pollution Control Board.

Deliberations during 265th meeting of SEAC held on 30.10.2023.

The meeting was attended by the following:

- (i) Sh. Jagjit Singh Majha, MD, M/s Innovative Housing and Infrastructure Pvt Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEAC allowed the Environmental Consultant of the Promoter Company to present the reply before the Committee as under:

Sr. no.	EDS	Reply

1.	The Project Proponent shall submit the documentary compliance of the following additional ToRs issued by SEIAA:		
	a.	Submit the details of total expenditure on the project up to the filing the EIA report and turnover during the period of violation (duly certified by the project CA).	<p>The promoter company has already submitted a CA certificate mentioning the total cost incurred during the period of violation. As per CA certificate the promoter company has incurred Rs. 102.0831814 crores during the said period. The detail in this regard is given in Chapter 12 of the EIA study report already uploaded on the Parivesh Portal. A copy of the said CA certificate is submitted.</p> <p>As regards to turnover of the promoter company, it is submitted that the promoter company has executed an MoU with “The Punjab Police Primary Consumers Co-Operative society Limited”. But registration deed with regard to selling of land to the said society has not yet been executed. In addition, the promoter company has not executed registration deed with any of other entity for selling plot of this project. However, promoter company has taken total token money to the tune of Rs.25 crores to whom plots are to sold out.</p> <p>The promoter company has just constructed warehouse in one of the plots.</p>
	b.	Submit a separate chapter defining the role and responsibilities of all the stakeholders in the implementation of the proposed Environmental Management Plan as well as for assuring proper compliance of the conditions of Environmental Clearance if granted.	Separate chapter defining the roles and responsibilities of the stakeholders in implementation of proposed EMP as well as for assuring proper compliance of the conditions of the EC is submitted.

<p>2.</p>	<p>The Project Proponent shall submit the component-wise details of the total land area, built up area along with the details of environmental parameters such as basis of estimating the population, water consumption, waste water generation, reuse of treated waste water for Flushing/greening, STP capacity, final disposal of treated waste water etc., as per application proposal.</p>	<ul style="list-style-type: none"> • Since the promoter company has ownership of 155.90 acres of land area, as such, EC has been sought for this land area. Out of this land area, net planning area will be 107.388 acres. Component wise detail of the total land is submitted. • No construction is to be made by the promoter company, as such, the built-up area of plotted accommodation calculated as per FAR of the Residential plotted accommodation comes out to be 352987.50 sqm & Commercial plots as 12181.65 sqm. Detail in this regard submitted. • The detail with regard to the basis of estimation of the population, water consumption, wastewater generation, reuse of treated wastewater for Flushing/greening, STP capacity, final disposal of treated wastewater etc., is submitted.
<p>3.</p>	<p>The Project Proponent shall submit the land ownership documents of the remaining land area of 108.79 acres along with the details and status of the application filed for obtaining permission for Change of land Use.</p>	<ul style="list-style-type: none"> • The promoter company has ownership of 155.90 acres and permission for CLU has been obtained for this land area from the Department of Town & Country Planning by the letter No. 3818/CTP(PB)/SP432(M) dated 03-07-2014.
<p>4.</p>	<p>The Project Proponent shall submit the detailed proposal for solid waste management including setting up of mechanized Material Recovery Facility (MRF) and also earmark the dedicated space in the layout plan for solid waste management.</p>	<ul style="list-style-type: none"> • Total solid waste generation will be 8140kg/day and its bifurcation is given as under: <ul style="list-style-type: none"> ○ Bio-degradable=3826 kg/day ○ Recycleable= 2279 kg/day ○ Inert= 2035 kg/day • Solid waste will be segregated at source into biodegradable and non-biodegradable components. The biodegradable component will be converted into compost by installing 2 no. mechanical composters of capacity 2.0TPD each. The non-biodegradable component will be sent to Material

		<p>Recovery Facility (MRF) of capacity 5.0 TPD for segregation of waste. The recyclable components will be sold out in the market to the registered recyclers and the inert waste will be sent to Engineered Landfill Facility of the GMADA.</p> <ul style="list-style-type: none"> • GMADA has already given permission for disposal of inert solid waste at its common facility. A copy of the same is submitted. • Land area measuring 0.42 acres for establishment of solid waste management facility has been earmarked on the layout plan. • As per <i>Solid Waste Management Manual published and prepared by Ministry of Urban Development, Govt. of India in the year 2016</i>, for establishment of Integrated MSW Facility for handling of Solid Waste of 8140 kg/day , about 0.4 acres of land area is required, as such, the land area (0.42 acres) earmarked for solid waste management is adequate. • Detail of solid waste management is submitted.
<p>5.</p>	<p>The Project Proponent shall submit the justification along with requisite documents as proof for considering the date of start of construction and date of stoppage of construction considered for calculating the number of days of violation.</p>	<ul style="list-style-type: none"> • CTE was granted by the PPCB under the Water Act,1974 and Air Act,1981 vide letter dated 14.01.2021 which is valid upto-13.01.2022. A copy of the same is submitted. • The site of the project was visited by the officers of PPCB on 01.02.2020 and in the proceedings of the personal hearing held 01.10.2020 it has been mentioned that during visit on 01.02.2020 it was noted as under: “Construction of towers of the group housing portion has been started at the site by the promoter company. The promoter has carried out excavation in few patches and has started levelling of roads in small pockets.”

		<ul style="list-style-type: none"> • The group housing site mentioned in the report of the 'Committee' pertains to 'The Address' Project which has obtained separate EC under EIA notification. Therefore, the remaining development work regarding excavation work in few patches and levelling of roads in small pockets mentioned in the report of PPCB pertains to Mega Integrated Residential Township. • The report of PPCB itself substantiates that on 01.02.2020 very minor development work was carried out in the premises of the project. • Actually, the development work was started on 20.07.2018 and was carried out at a very slow pace. • Violation of EIA came in the notice of SEIAA after the project site visited by the 'Committee' to verify the complaint received against the project. • Development work remained closed during the period 21.03.2020 to 30.11.2020 and 01.04.2021 to 31.07.2021 due to COVID-19 pandemic. • During the meeting of SEIAA, the promoter company submitted an undertaking to the effect that the development work has been stopped on 16.08.2022. A copy of this undertaking is submitted. • Thus, the violation period is from 20.07.2018 to 16.08.2022, which includes the period from 21.03.2020 to 30.11.2020 and 01.04.2021 to 31.07.2021, when the development work remained totally in shut down condition due COVID-19 pandemic. Hence, the number of violation days comes out to be 1002 days. • Therefore, the damage assessment report already prepared is in order and the same is submitted. • As regards to report of the committee visited the project on 27.04.2022, in the report it has been mentioned as under: <ul style="list-style-type: none"> I. Mega township project has been divided into six pockets i.e., Pocket
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		<p>A to Pocket F. Committee visited all the six pockets and it is roughly estimated that about 15% (29 acres) of the area of 193.58 acres(78.34 ha) has been developed by way of providing roads, Sewer, Street Light Electric Poles and creating Green Parks. Out of the estimated 29 acres, 13 acres of land in pocket A has been fully developed for Punjab Police Consumer Cooperative Society by constructing roads laying, sewers and electric poles. It was informed that almost all the plots located in 13 acres land, in Pocket A and some in other pockets have already been sold and whereas, in the column no. 21 of the TOR application, it has been mentioned that Plot Area 78.34 Hectare is undeveloped land.</p> <p>II. No construction activity was observed during the visit. However, committee observed that the development of 13 acres of land in pocket-A has been carried out recently by the Project proponent.</p> <p>From the contents of the report of the committee, it is evident that only 15% of the development work was carried out as on 27.04.2022.</p> <p>It mentioned here that the affordable group housing site was sold out to another promoter company, who has separately obtained environmental clearance under EIA Notification for 'The Address' project. In the said environmental clearance a special condition was imposed to the effect that:</p> <p><i>“The Project Proponent of M/s. Innovative Housing and Infrastructure (P) Ltd shall be bound to obtain environmental clearance if area of the main project namely PCL Gateway exceeds 50 Hectares (123.553</i></p>
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		<p>acres) as required under the provisions of EIA Notification dated 14.09.2006."</p> <p>In view of the above condition, the promoter company was in impression that the project area less 50 hectares does not attract the provisions of EIA Notification. However, as soon as project area exceeded 50 Hectares, the promoter company applied for obtaining EC and obtained TOR from the MoEF&CC.</p> <p>Therefore, the violation committed is not deliberate and intentional.</p>
6.	The Project Proponent shall submit the status of prosecution filed by Punjab Pollution Control Board for the violation of the provisions of the EIA notification dated 14.09.2006.	The legal proceedings launched by the PPCB under the EPA, 1986 are pending in the Hon'ble court of law for adjudication.
7.	The Project Proponent shall submit the clearance obtained from Chief Wildlife Officer with regard to land area of the project falling under Eco Sensitive Zone.	<ul style="list-style-type: none"> • A copy of the clearance from Eco Sensitive Zone of the project issued by the Chief Conservator (Hills), SAS Nagar by the letter dated 30-05-2022 is submitted. • As per this clearance, the site of the project is located at a distance of 12.05 km from the Wildlife Sanctuary.
8.	The Project Proponent shall submit the proposal for the storm water management by clearly mentioning its disposal arrangements by obtaining permission from local authority.	Proposal/storm water drainage plan duly approved by Chief Engineer GMADA is submitted.
9.	The Project Proponent shall submit the permission for discharging treated wastewater into sewer.	Permission dated 05-01-2018 issued by GMADA for discharge of treated wastewater into sewer, is submitted.
10.	The Project Proponent shall submit the details of activities proposed to be undertaken under Additional Environmental Activities.	<p>There is a proposal to spend Rs.2.27 Crores on the following activities to be undertaken under CER:</p> <ul style="list-style-type: none"> • Plantation of 6500 trees along the boundary of seasonal drain passing in the revenue estate of village Teera, District S.A.S. Nagar to prevent soil erosion and attenuation of fugitive as well as noise levels- Rs.65,00,000/-

		<ul style="list-style-type: none"> • Mini Jungle in an area of 1.5 acres and 36 mini Jungles in 200 sq.yards in the Revenue estate of village Teera-Rs.1,62,00,000. <p>Note: <i>The expenditure to be incurred on CER activities is in addition to EMP cost on account of remediation plan and natural & Remediation Plan and Natural & Community Resource Augmentation.</i></p>
11.	The Project Proponent shall submit the separate drawing showing plumbing systems for use of fresh and treated wastewater.	Plumbing Drawing duly approved by the GMADA for use of fresh water & treated wastewater is submitted.
12.	The Project Proponent shall submit the revised Contour Plan reflecting the true existing physical features of the site with regard to permanent bench mark	Contour Plan showing physical features of site with regard to permanent benchmark is submitted.
13.	The Project Proponent shall submit the approved Layout Plan for the net planned area of 95.0250 acres.	Approved Layout Plan of 95.0250 acres submitted.
14.	The Project Proponent shall submit the Conceptual Plan for Net Planned Area of 193.912 acres. Further, the project proponent shall also submit the details of the areas deducted from the total project area of 264.69 acres.	Conceptual Plan for net Planned Area of 107.388 acres is submitted. Details with regard to bifurcation of Project area of 155.90 acres in to different components and left out area is submitted.
15.	The Project Proponent shall submit Consent to establish obtained from Punjab Pollution Control Board.	A copy of the Consent to Establish obtained from Punjab Pollution Control Board is submitted.

During meeting, the Committee observed that the Project Proponent has calculated the number of violation days by deducting the Covid period which otherwise is required to be calculated by including the Covid period as the construction work is usually continuous in nature. The Damage Assessment has been observed to be on lower side and needs to be revised with respect to air pollution for estimating the water requirement, water consumption for domestic use & cost of sewage treatment, re-use & disposal under water pollution, the cost of barricades for estimating the damage due to noise pollution & vibration etc. Further, the Remediation Plan and Natural & Community Resource Augmentation Plan also needs to be revised accordingly.

The Committee perused the KML file of the project and observed that the site of the project is located at a distance of around 7Km from the boundary of the Sukhna Wild Life Sanctuary, which

is less than 10 Km. The Committee, in pursuance to SEIAA letter No. 1555 dated 27.09.2023, asked the Project Proponent to apply for obtaining permission from Standing Committee of National Board of Wildlife (NBWL) under the provisions of the Wildlife Protection Act, 1972.

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

- (i) The Project Proponent shall submit the acknowledgement/proof to the effect that the Project Proponent has submitted application for obtaining Clearance under Wildlife Protection Act, 1972 from NBWL.
- (ii) The Project Proponent shall revise the calculation pertaining to No. of violation days after taking into account the Covid period and other non-working days.
- (iii) The Project Proponent shall exclude the land area of 9.8 acre of Group Housing Project namely "The Address" from the total land area of 155.90 acre for which the Environmental Clearance had already been granted.
- (iv) The Project Proponent shall revise the Damage Assessment Plan, Remediation Plan and Natural & Community Resource Augmentation Plan with respect to air pollution for estimating the water requirement, water consumption for domestic use & cost of sewage treatment, re-use & disposal under water pollution, the cost of barricades for estimating the damage due to noise pollution & vibration etc.
- (v) The Project Proponent shall obtain NOC from Village panchayat of Village Teera for plantation of 6500 trees along the boundary of the seasonal drain and for developing mini-jungle in an area of 1.5 acre and 36 mini-jungle in 200 sq. yard in the revenue estate of Village Teera. Further, the Project Proponent shall revise the cost of planting 6500 trees by including the cost of tree guard.

Deliberations during 266th meeting of SEAC held on 20.11.2023.

The meeting was attended by the following:

- (i) Sh. Jagjit Singh Majha, MD, M/s Innovative Housing and Infrastructure Pvt Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

The Environmental Consultant of the Promoter Company presented the reply before the Committee as under:

Sr. No.	EDS	Reply
1.	The Project Proponent shall submit the acknowledgement/proof to the effect that the Project Proponent has submitted application for obtaining Clearance under Wildlife Protection Act, 1972 from NBWL.	The promoter company has submitted an application for obtaining Clearance under Wildlife Protection Act, 1972 from NBWL vide proposal No.WL/CH/SRY/452149/2023.
2.	The Project Proponent shall revise the calculation pertaining to no. of violation days after taking into account the COVID period and other non-working days.	The development work was started on 20.07.2018 after approval of the layout plan by the competent Authority on 11.07.2018 and the development work was stopped on

		16.08.2022 in compliance to an undertaking submitted to SEIAA, Punjab. Therefore, the violation days without taking into account the COVID period and other non-working days, come out to be 1488 days.
3.	The Project Proponent shall exclude the land area of 9.8 acre of Group Housing Project namely "The Address" from the total land area of 155.90 acre for which the Environmental Clearance had already been granted.	Total project area is 155.90 acres, out of which in 9.8 acres of land area, 'The Address' has constructed Group Housing Project after getting the layout Plan approved from the Competent Authority and separate EC under EIA Notification has been obtained for this project. Therefore, the project area of "Mega Integrated Residential Township" being developed by M/s Innovative Housing and Infrastructure (P) Ltd. in the revenue state of village Togan & Teera, SAS Nagar is 146.10 acres (155.90-9.8), out of which net planning area is 107.388 acres. A copy of the layout plan showing net planning area of 107.388 acres submitted.
4.	The Project Proponent shall revise the Damage Assessment Plan, Remediation Plan and Natural & Community Resource Augmentation Plan with respect to air pollution for estimating the water requirement, water consumption for domestic use & cost of sewage treatment, re-use & disposal under water pollution, the cost of barricades for estimating the damage due to noise pollution & vibration etc.	Revised Damage Assessment Plan, Remediation Plan and Natural & Community Resource Augmentation Plan with respect to air pollution for estimating the water requirement, water consumption for domestic use & cost of sewage treatment, re-use & disposal under water pollution, the cost of barricades for estimating the damage due to noise pollution & vibration etc. submitted.
5.	The Project Proponent shall obtain NOC from Village panchayat of Village Teera for plantation of 6500 trees along the boundary of the seasonal drain and for developing Mini jungle in an area of 1.5 acre and 36 mini-jungle in 200 sq. yard in the revenue estate of Village Teera. Further, the Project Proponent shall revise the cost of planting 6500 trees by including the cost of tree guard.	<ul style="list-style-type: none"> NOC of Gram Panchayat, Village Teera for making plantation of 6500 trees along the boundary of the seasonal drain, developing mini jungle in an area of 1.5 acre and 36 mini-jungle in 200 sq. yard in the revenue estate of Village Teera and revised cost of making plantation of 6500 trees by including the cost of barbed fencing is submitted.

The Committee during the meeting checked on the Parivesh Portal that the Project Proponent has submitted an application for obtaining Clearance under Wildlife Protection Act, 1972 from NBWL vide proposal No.WL/CH/SRY/452149/2023 which is in consonance with the procedure laid down by SEIAA vide letter No. SEIAA/MS/2023/1555 dated 27.09.2023 for appraising the projects in case forest land is involved and the projects are located within 10 KM of National Park/Wild Life Sanctuary.

Further, the Committee on perusal of Damage Assessment Plan observed that the cost of the tanker considered by the Project Proponent under head “Air Pollution” @ 500/5 KL tanker and water consumption for domestic use @ 2.25 KLD under head “Water Pollution” was on lower side. Further, the Committee observed that the Project Proponent has revised the cost of economic benefit accrued due to violation from @ 1% to 0.25% of the cost incurred so far on the project. The same needs to be corrected.

The Project Proponent has submitted the revised Damage Assessment by revising the cost of the tanker from Rs. 500 / 5 KL tanker to Rs. 1000 / 5 KL tanker and also revised the water consumption for domestic use from 2.25 KLD to 4.5 KLD. After making these corrections, the total Damage Assessment has been revised from 70.81 Lakhs to Rs. 93.294 Lakhs. Further, the cost of economic benefit accrued due to violation has been revised from 35.817 lakhs (@ 0.25% of the project cost) to Rs. 143.27 Lakhs (@1% of the project cost). Accordingly, the cost of the Remediation Plan and Community & Resource Augmentation Plan have been revised from Rs. 106.627 Lakhs to Rs. 236.564 Lakhs with details of activities proposed to be undertaken are as under:

Sr. No.	Activity to be under taken	Amount to be spent (Rupees)	Timelines for completion of activity after grant of EC
1	Rejuvenation of Pond of Village Togan, Distt. SAS Nagar	35 Lakhs	Two Years
2	Demarcation, making proper abutment and plantation along the periphery of pond of Village Togan, Distt. SAS Nagar	35 Lakhs	Two Years
3	26 No. Eco friendly Jungles in Village Teera with about 200-250 trees in each Jungle	150.80 lakhs (Each jungle will be costing about Rs. 5.80 Lakhs including maintenance)	Two Years
4	3 No. Eco Friendly Jungles in Village Togan with about 200-250 trees in each Jungle	17.40 Lakhs (Each jungle will be costing about Rs. 5.80 Lakhs including maintenance)	Two Years
	Total	Rs. 238.20 Lakhs	

Further, the Project Proponent has calculated the amount of penalty as Rs. 157.04 Lakhs (considering 1% of the total project cost incurred upto date of filing of application along with EIA/EMP Report i.e., Rs. 143,26,98,558 + 0.25 % of the total turnover during the period of violation i.e., Rs. 55,11,01,614.24) which was found to be in consonance with OM dated

7.07.2021 issued by Ministry of Environment Forest & Climate Change, Govt. of India for handling of violation cases under EIA Notification 2006.

In addition to above, the Project Proponent shall spend Rs. 1.52 Crores on the Additional Environmental Activities such as plantation of 6500 trees @ Rs. 65 Lakhs along the boundary of seasonal drain passing in the revenue estate of village – Teera, Distt.- SAS Nagar to prevent soil erosion and attenuation of fugitive as well as noise levels within 3 years and setting up of 15 mini jungles in 200 sq. wards in the revenue estate of village – Teera, Distt. SAS Nagar @ Rs. 87 Lakhs within 3 years.

The Project Proponent informed that the Punjab Pollution Control Board (PPCB) has filed legal proceedings u/s 15 read with section 19 of the Environment (Protection) Act, 1986 against the Project Proponent on 16.02.2023 for violation of the provisions of EIA Notification dated 14.09.2006 which are pending in the Hon'ble Court of Law for adjudication.

The Committee was satisfied with the reply/presentation given by the Project Proponent and after detailed deliberations, SEAC decided to forward the application to SEIAA with the recommendations to grant Environment Clearance for construction of a residential project namely "Mega Integrated Residential Township" by M/s Innovative housing and Infrastructure (P) Ltd at Village Togan & Teera SAS Nagar, Punjab for land area measuring 146.10 acres, subject to the following special & standard conditions:

Special Conditions:

- (i) The Project Proponent shall submit the Bank Guarantee of Rs. 238.20 Lakhs with Punjab Pollution Control Board prior to the grant of Environmental Clearance and the same shall be released after the successful implementations of the Remediation Plan and Natural & Community Resource Augmentation Plan, in compliance with the provisions of Office Memorandum dated 7.07.2021 issued by Ministry of Environment Forest & Climate Change, Govt. of India regarding Standard Operating Procedure (SoP) for identification & handling of violation cases under EIA Notification, 2006.
- (ii) The Project Proponent shall deposit penalty amount of Rs. 157.04 Lakhs with Punjab Pollution Control Board, in compliance with the provisions of Office Memorandum dated 7.07.2021 issued by Ministry of Environment Forest & Climate Change, Govt. of India regarding Standard Operating Procedure (SoP) for identification & handling of violation cases under EIA Notification, 2006.

I. Statutory compliances:

- i) The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including the town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.
- ii) The approval of the Competent Authority shall be obtained for the structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per the National Building Code including protection measures from lightning, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes is involved in the project.

- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.
- vi) The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of the respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.
- xii) Besides the above, the project proponent shall also comply with siting criteria/guidelines, standard operating practices, code of practice, and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such types of projects.
- xiii) The project proponent shall construct the buildings as per the layout plan approved from the Competent Authority and in consonance of the project proposal for which this environment clearance is being granted.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in the ambient air quality at the site.
- iii) The project proponent shall install a system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.

- iv) Diesel power generating sets proposed as a source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, and continuous dust/ wind-breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- x) Grinding and cutting of building material in open areas shall be prohibited. A wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within the earmarked area and roadside storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during the construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.
- xiv) The gaseous emissions from the DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

- xv) For indoor air quality, the ventilation provisions as per the National Building Code of India shall be complied with.
- xvi) Roads leading to or at the construction site must be paved and blacktopped (i.e., metallic roads should be built and used).
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site

III. Water quality monitoring and preservation

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.
- iv) The total freshwater use shall not exceed the proposed requirement as mentioned in the application proposal.
- v) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- vi) During the construction phase, the project proponent shall ensure that the wastewater generated from the labour quarters/toilets shall be treated and disposed of in an environment-friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such wastewater and treated effluents shall be utilized for green area/plantation.
- vii) The project proponent shall ensure a safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- viii) The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA along with six-monthly monitoring reports.
- ix) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration, and the

balance of water available. This should be specified separately for groundwater and surface water sources, ensuring that there is no impact on other users.

- x) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape, etc. would be considered as pervious surface.
- xi) Dual pipe plumbing shall be installed for supplying fresh water for drinking, cooking and bathing, etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, air conditioning etc.
- xii) Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.
- xiii) The project proponent shall also adopt the new/innovative technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals/twin flush cisterns/ sensor-based alarm system for overhead water storage tanks and make them a part of the environmental management plans/building plans so as to reduce the water consumption/groundwater abstraction.
- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipelines carrying water/wastewater from different sources / treated wastewater as follows:

Sr. No	Nature of the Stream	Color code
a)	Fresh water	Blue
b)	Untreated wastewater from Toilets/ urinal and from Kitchen	Black
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey
d)	Reject water streams from RO plants and AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White
e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating greywater	Green with strips
g)	Stormwater	Orange

- xv) Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents, and adopting other best practices.
- xvi) The CGWA provisions on rainwater harvesting should be followed. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of the plot area and a storage capacity of a minimum of one day of the total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from the Competent Authority.
- xvii) All recharge should be limited to shallow aquifers.
- xviii) No groundwater shall be used during the construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at the site.
- xix) Any groundwater dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any groundwater abstraction or dewatering.
- xx) The quantity of freshwater usage, water recycling, and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC, and SEIAA along with six-monthly Monitoring reports.
- xxi) Sewage shall be treated in the STP with tertiary treatment by providing ultra-filtration Technology. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal stormwater drain.
- xxii) No sewage or untreated effluent would be discharged through stormwater drains. Onsite sewage treatment with a capacity to treat 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry / SEIAA before the project is commissioned for operation. Treated wastewater shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest, and Climate Change. Natural treatment systems shall be promoted.
- xxiii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiv) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed of as per the Ministry of Urban Development, Central Public

IV. Noise monitoring and prevention

- i) Ambient noise levels shall conform to the commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during the construction phase. Adequate measures shall be made to reduce noise levels during the construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) A noise level survey shall be carried out as per the prescribed guidelines and a report in this regard shall be submitted to the Regional Officer of the Ministry as a part of a six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, earplugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased daylighting design and thermal mass, etc. shall be incorporated in the building design. Wall, window, and roof U-values shall be as per ECBC specifications.
- iv) Energy conservation measures like the installation of LEDs for lighting the area outside the building should be an integral part of the project design and should be in place before project commissioning.
- v) Solar, wind, or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) At least 30% of the rooftop area shall be used for generating Solar power for lighting in the apartments so as to reduce the power load on the grid. A separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project shall be obtained.
- ii) The Project Proponent shall install Mechanical Composter of adequate capacity to treat wet component of the Solid Waste.
- iii) Disposal of muck during the construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the competent authority.
- iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating the segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- v) Organic waste compost/ Vermiculture pit/ Organic Waste Converter/Mechanical Composter within the premises must be installed for treatment and disposal of the solid waste.
- vi) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie-up must be done with the authorized recyclers.
- vii) Any hazardous waste generated during the construction phase, shall be disposed of as per applicable rules and norms with the necessary approvals of the State Pollution Control Board.
- viii) Use of environment-friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
- ix) Fly ash should be used as a building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready-mixed concrete must be used in building construction.
- x) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- xi) Used CFLs and TFLs should be properly collected and disposed of or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i) No naturally growing tree should be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.

- ii) At least a single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure the planting of trees in the project area at the identified location, as the per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years and thereafter, protected throughout the entire lifetime of the Project. The species with heavy foliage, broad leaves, and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be undertaken as per SEIAA guidelines. The plantation to be carried out under Karnal Technology shall be in addition to the green area plantation of the project.
- iii) The Project Proponent shall develop a green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sqm of the total land area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
- iv) Where the trees need to be cut with prior permission from the concerned local Authority, a compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.
- v) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during the plantation of the proposed vegetation on site.
- vi) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vii) The green belt along the periphery of the plot shall achieve an attenuation factor conforming to the day and night noise standards prescribed for commercial land use.
- viii) The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

VIII. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.

- b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulations.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards, and should be operated only during non-peak hours.
 - iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on the cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies within this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
 - iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IX. Human health issues

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris, or working in any area with dust pollution shall be provided with dust masks.
- ii) For indoor air quality, the ventilation provisions as per the National Building Code of India should be followed.
- iii) An emergency preparedness plan based on the Hazard Identification and Risk Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, and medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) Occupational health surveillance of the workers shall be done regularly.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Environment Management Plan

- i) The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any

infringements/deviation/violations of the environmental / forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.

- ii) A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.
- iii) An action plan for implementing following activities under EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority.

CONSTRUCTION PHASE:

Sr. No.	Particulars	Approx. Recurring Cost (Rs in Lac)	Approx. Capital Cost (Rs in Lac)	Basis for cost Estimate
1.	Medical Cum First Aid	1.5	1.00	first aid medical facility with first aid kit
2.	Toilets for sanitation system	3.0	5.0	Toilets with septic tank
3.	Wind breaking curtains	4.0	10.0	Wind breaking walls at vulnerable areas
4.	Sprinklers for suppression of dust	3.0	12.0	Sprinklers, Pipeline
	Total	11.50	28.0	

OPERATION PHASE:

Sr. No.	Particulars	Approx. Recurring Cost Operational Phase (Rs in Lac)	Approx. Capital Cost Construction Phase (Rs in Lac)	Basis for cost Estimation
1.	Sewage Treatment Plant	12.0	500.0	Capital cost include cost of STP
2.	Solid Waste segregation & disposal	22.0	15.0	Colored Bins at appropriate Locations
3.	Green Belt including grass coverage	5.0	50.0	Plantation and landscaping
4.	RWH	3.0	30.0	RWH pits and the cleaning

	Total	42.0	595.0	
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Activities as under:

Sr. No.	Activity to be under taken	Amount to be spent (Rupees)	Timelines for completion of activity after grant of EC
1	Rejuvenation of Pond of Village Togan, Distt. SAS Nagar	35 Lakhs	Two Years
2	Demarcation, making proper abutment and plantation along the periphery of pond of Village Togan, Distt. SAS Nagar	35 Lakhs	Two Years
3	26 No. Eco friendly Jungles in Village Teera with about 200-250 trees in each Jungle	150.80 lakhs (Each jungle will be costing about Rs. 5.80 Lakhs including maintenance)	Two Years
4	3 No. Eco Friendly Jungles in Village Togan with about 200-250 trees in each Jungle	17.40 Lakhs (Each jungle will be costing about Rs. 5.80 Lakhs including maintenance)	Two Years
	Total	Rs. 238.20 Lakhs	

XI. Validity

- i) This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.

XII. Miscellaneous

- i) The project proponent shall obtain a completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.

- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn have to publicly display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the Environment Clearance portal and submit a copy of the same to SEIAA.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put the same on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during public hearing and also those made to SEIAA / SEAC during their presentation.
- xi) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xii) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.
- xiii) This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.

XIII. Additional Conditions

- i) The approval is based on the conceptual plan/drawings submitted with the application. In case, there is variation in built-up area/green area/ any other details in the drawings approved by the competent authority, the Project Proponent shall obtain the revised Environmental Clearance.
- ii) The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets, etc. are not disturbed so that the natural flow of rainwater, etc is not impeded or disrupted in any manner.
- iii) Authorization from Punjab Pollution Control Board shall be obtained as applicable under the Bio-Medical Waste Management Rules 2016 as amended from time to time.
- iv) The solid waste other than Bio-Medical Waste & Hazardous Waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Municipal Solid Waste (Management & Handling) Rules, 2000. No municipal waste should be disposed off outside the premises in contravention of relevant rules and by-laws. Adequate measures should be taken to prevent any malodour in and around the Project premises.
- v) In the event that the project proponent decides to abandon/close the Project at any stage, he shall submit an application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental Clearance as per the procedure prescribed in OM dated 29.03.2022 issued by the MoEF&CC. The project proponent shall be accountable for adherence/compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of Integrated Regional Offices (IROs) of MoEF&CC, Chandigarh/PPCB.
- vi) This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to comply with condition (v) above.
- vii) Concealing factual data or submission of false/fabricated data may result in revocation of this Environmental Clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- viii) The Project Proponent shall manage the solid waste generated from the project as per the sub-rule-7 of rule-4 of SWM Rules 2016.
- ix) The Ministry reserves the right to stipulate additional conditions if found necessary. The Promoter Company in a time bound manner shall implement these conditions.
- x) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed

by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

- xi) Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Specific conditions:

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

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

as approach roads shall be maintained and it shall be ensured that the tippers carrying mined material are not loaded beyond the permissible load as per the designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.

- (xxiii) A first aid room shall be provided in the project both during construction and operations of the project.
- (xxiv) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- (xxv) Provision shall be made for the housing of workers, if residing at site, within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto the land for plantation.
- (xxvi) The municipal solid waste generated shall be disposed of as per Solid Waste Management (SWM) Rules 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of SWM Rules. Dustbins will be provided at site and the workers will be guided to put all the waste in these dustbins. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- (xxvii) The critical parameters such as Respirable Suspended Particulate Matter(RSPM) (Particulate matter with size less than 10 microns i.e., PM10) and Nitrogen oxides (NOx) in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(Total Dissolved Solids(TDS), Dissolved Oxygen(DO), pH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by MoEF&CC, which is available at www.envfor.nic.in shall also be referred in this regard for its compliance.
- (xxviii) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab.
- (xxix) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to the applicable air and noise emission standards as provided in the Motor Vehicles Act,1988.

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

General Conditions:

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

- (viii) The project proponent should inform to the Regional Office of MoEF&CC located at Chandigarh and SEIAA, Punjab regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (ix) The Regional office of MoEF&CC located at Chandigarh and PPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional office by furnishing the requisite data / information / monitoring reports.
- (x) The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental clearance conditions including the results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional office Chandigarh, the respective Zonal Office of CPCB , PPCB, and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office MoEF&CC, Chandigarh, the respective Zonal Office of CPCB and PPCB, and SEIAA, Punjab.
- (xi) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xii) The project proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiii) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the PPCB (as prescribed under the Environment (Protection) Rules, 1986 amended from time to time), shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. In addition, it shall also be sent to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab by e-mail.
- (xiv) The project proponent shall adhere to the commitments made in the Environment Management Plan.
- (xv) Within seven days of the issuance of EC, the project proponent shall prominently advertise (in at least two local newspapers of the District or State, of which one shall be in the vernacular language) that the project has been accorded Environmental Clearance along with the details of MoEF&CC/SEIAA website where it is displayed.
- (xvi) The MoEF&CC and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xvii) The SEIAA may cancel the EC granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this EC, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the EC.

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

Additional Conditions:

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