



सत्यमेव जयते

File No.: 2024/EC/F/27
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), PUNJAB)



Dated 15/03/2024



To,

Gurtej Singh Garcha
Department of Water Resources
O/o XEN cum DMO District Pathankot, Drainage and Mining Division, Madhopur, Pathankot,
PUNJAB, 145023
gurtej.garcha983@punjab.gov.in

Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/PB/MIN/462130/2024 dated 28/02/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B0107PB5528994N
(ii) File No.	2024/EC/F/27
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Proposed sand mining project (Boulder, gravel, sand) with production capacity of 1677356 MT over an area of 36.84 Ha on the Ravi River Bed located at village- Shahpurgopi and Gol Tehsil & District- Pathankot, Punjab
(ix) Location of Project (District, State)	PATHANKOT, PUNJAB
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	Yes

3. The State Environment Impact Assessment Authority, Punjab has examined the proposal for sand mining project (sand) with production capacity of 16,77,356 MT (including 64,234 MT already extracted) in an area of 36.84 Ha in the river bed of River Ravi, located at Village-Shahpurgopi and Gol, Tehsil & District- Pathankot, Punjab. The project is covered under category 'B1' of activity 1(a); 'Mining of Minor Minerals' projects as per the schedule appended to the EIA Notification

14.09.2006 and its subsequent amendments and requires appraisal at the State level.

4. The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 based on mandatory documents enclosed with the online application viz Online Form, Pre-feasibility report, Approved Mining plan, EMP, Final District Report, Contour plan, and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of State Environment Impact Assessment Authority (SEIAA) and State Expert Appraisal Committee (SEAC).

5. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

1.	Project Name & Location	Mining project in the river bed of River Ravi, Village- Shahpurgopi and Gol, Tehsil & District- Pathankot, State Punjab		
2.	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals		
3.	Category of Project	B1		
4.	Mineral (s) to be mined	Sand		
5.	Details of Mining Lease	Commercial Mining site		
6.	Capacity of Mine	16,77,356 MT (including 64,234 MT already extracted(over the period of 3 years		
7.	Mining Lease Area & depth of Mining	36.84 Ha & 3.0 mtr depth as per mining plan		
8.	Project cost	Rs. 23.48 crores		
9.	Hadbast No.	60		
10.	Land Khasra No.	Khasra No: (Site No.-11) 36(15-17), 37(6-3), 38(6-0),39(16-16), 47(5-8), 49(12- 13),57(5-0), 60(6-16), 64(13-4), 66(10-15), 69(9-11),70(14-1), 71(26-14), 72(22-11),81/58-59(14- 11), 83/68(7-10),84/68(5-8), 102/79-96(5-0),104/35-78(4-0), 3(8-18), 11(1-3),14(0-9), 16(1-0), 18(2-3), 19(0-13),20(0-14), 21(0-3), 22(0-8), 23(0-10),24(2-4), 25(1-18), 26(0-7), 44(4-6),45(4- 9), 46(17-3), 48(9-0), 50(7-11),97/12-13(2-8), 98/13(2-7), 99/29-30(1-18), 100/15-17(1-19), 103/10-80(4-1), 51(24-0), 55(6-4), 57(18-19), 86/58-59(40-0), 86-56(2-5), 87/56(1-0), 88/56(0- 17,89/56(4-0), 90/54(1-1), 91/54(0-9), 92/54(0-15), 101/61-62(10-13), 105/52-53(11-5), 63(15-17),65(14-18), 67(18-0), 73(0-2),74(0-3), 82/68(7-5), 85/68(11-12),93/75(2/19), 94/75(1-4), 95/75(0-13), (Site No.-19) Khasra No. 1//11(4-8), 20(5-2), 21(5-14)9//17(8-0), 18/1(4-0), 23/2(4- 0),24(8-0)17//21/1(6-16)20//1/1(6-16), 10/2(6-16), 11/1(6-16), 30//16(8-8), 24(2-14) , (Site No.- 20) Khasra No. 34//1/1/3(2-4), 1/2/2(1-7), 10(2-9) 35//6(6-14),		
11.	Latitude & Longitude	Pillar No.	Latitude	Longitude
		Serial no.11		
		1	32°13'58.93"N	75°25'24.73"E
		2	32°13'59.39"N	75°25'35.45"E
		3	32°14'0.95"N	75°25'44.32"E
		4	32°13'32.72"N	75°25'45.25"E
		5	32°13'32.57"N	75°25'42.06"E

6 32°13'33.02"N 75°25'39.77"E

7 32°13'37.37"N 75°25'30.61"E

Serial no.19

1 32°13'38.27"N 75°25'47.27"E

2 32°13'37.85"N 75°25'49.98"E

3 32°13'32.08"N 75°25'49.77"E

4 32°13'31.51"N 75°25'46.36"E

5 32°13'32.72"N 75°25'45.25"E

Serial no.20

1 32°13'31.49"N 75°25'46.34"E

2 32°13'32.08"N 75°25'49.77"E

3 32°13'32.14"N 75°25'52.13"E

4 32°13'31.21"N 75°25'52.12"E

5 32°13'31.28"N 75°25'49.70"E

6 32°13'30.34"N 75°25'49.42"E

7 32°13'31.03"N 75°25'46.77"E

8 32°13'31.31"N 75°25'46.37"E

- 12. Details of Mining Plan Mining plan for the Shahpurgopi and Gol Sand mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/MP/ Shahpurgopi and Gol/943 dated 22.03.2023.
- 13. Status of forest clearance NOC from DFO, Pathankot obtained mentioning that no permission is required under FCA, 1980.
- 14. Method of mining Semi-Mechanized
- 15. Workers (when fully operational) 11
- 16. Water Requirements & source Domestic: 4.0 KLD
Dust Suppression: 3.0 KLD
Total: 7.0 KLD
Source of water: private tankers
- 17. Waste water generation, Treatment & its Disposal i) Quantity of Waste water: 3.2 KLD (80% of water requirement)
ii) Treatment Method: Septic Tank
iii) Mode of Disposal:
a) Plantation purpose.: 3.2 KLD
b) Any other purpose: 0 KLD
- 18. Solid waste generation and its disposal i) Quantity: 16Kg
ii) Method of Disposal: Dustbins
Solid waste will be disposed as per Solid Waste Management Rules, 2016.

Sr. No	Environment mitigation measure	Capital Cost (In Rs)	Recurring Cost (Rs/annum)
19.	Environment Management Plan along with Budgetary breakup and responsibility to implement		
1	Water Sprinkling Measures to be done on haul road to suppress dust & maintenance /	29,00,000	15,00,000

		repair of Haul Road and other Roads		
		Greenbelt Development (with tree guards)		
2		(Plantation cost 36.84 Ha x 50 saplings/Ha= 1842 saplings @ Rs.1000 per sapling)	18,42,000	6,14,000
3		Drinking water facility, Septic Tank & Mobile toilets and solid waste management	11,00,000	5,00,000
4		Safety equipment's such as gloves, mask, helmet, First aid kit etc.	9,00,000	4,00,000
5		Additional Environmental Responsibilities (Rs. 1.5 per MT of Total quantity= 1677356*1.5) (The amount may be deposited in Treasury under GPM head of Forest Department for utilization of the same for development of green area(s)/belt(s))	25,16,034	-
6		Regular health check-up camps for the workers engaged in mines shall be organized.	5,00,000	3,25,000
7		Environmental Monitoring (Air, Water Soil etc.).	4,00,000	3,00,000
		Total	1,01,58,034	36,39,000

6. As per the application submitted by project proponent, there is no forest area is involved in the project and mining site does not fall under eco-sensitive zones of wildlife Sanctuary and conservation reserves and NOC in this regard has already been obtained from DFO Pathankot. Also, no litigation pending against the project.

7. The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of expert member's/domain experts in various fields, has examined the proposal submitted by the project proponent in the desired form along with the EMP report prepared and submitted by the consultant accredited by the Quality Council of India (QCI) / National Accreditation Board for Education and Training (NABET) on behalf of the project proponent in its 277th meeting held on 03.01.2024. The SEAC noted that the project proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of the data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent

8. SEAC noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, SEAC decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for carrying out mining of minor minerals (sand) with production capacity of 16,77,356 MT (including 64,234 MT already extracted) in an area of 36.84 Ha in the river bed of River Ravi, located at Village-Shahpurgopi and Gol, Tehsil & District- Pathankot, Punjab by Executive Engineer-Pathankot, Drainage-cum-Mining & Geology Division, Pathankot as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and its consultant.

9. The case was, lastly, considered by SEIAA in its 283rd meeting held on 07.03.2024 wherein SEIAA observed that the case stands recommended by SEAC. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same. Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for carrying out mining of minor minerals (sand) with production capacity of 16,77,356 MT (including 64,234 MT already extracted) in an area of 36.84 Ha in the river bed of River Ravi, located at Village-Shahpurgopi and Gol, Tehsil & District- Pathankot, Punjab as per the details mentioned in the Form-1, PFR, EMP, contour plan and subsequent presentation /clarifications made by the project proponent and its consultant with proposed measures and subject to conditions proposed by SEAC in addition to the proposed measures.

Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance with terms and conditions as per Annexure 1.

Copy To

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized officer of the project proponent is as under:

a)	Name of the applicant	:	Sh. Gurtej Singh Garcha (XEN)
b)	Mobile No.	:	9814672476
c)	Email Id	:	gurtej.garcha983@punjab.gov.in
d)	Email ID of Env. Consultant	:	md@ecoparyavaran.in

4. The Deputy Commissioner, Pathankot.
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi.
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Specific Conditions

S. No	EC Conditions
1.1	The Project Proponent will not extract more than 4,29,710 M Tonnes of minor Minerals in the first year (40% of the presently approved total quantity of the deposits as identified in the DSR) till the enhancement in the total quantity of mineable deposits is approved by SEIAA upon submission of credible replenishment study data by the Mining Department.
1.2	The Project Proponent shall not extract minor minerals beyond the quantity of 10,74,254 MT as permitted in DSR until the enhancement in the total quantity of mineable deposits is approved by SEIAA upon submission of credible replenishment study data by the Mining Department.
1.3	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.
1.4	Mining should begin only after permanent 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.
1.5	Mining shall be carried out through Opencast Semi- mechanised method of mining as permitted in the EC.
1.6	The excavator to be used for mining should have maximum bucket capacity of 1 cum and maximum boom length of 3 meters.
1.7	The excavator used for mining should only be tyre mounted.
1.8	The excavators to be used for mining should have bucket capacity upto maximum of 1 cum and boom length upto maximum of 3 meters.
1.9	The capacity of Tippers to be used for transportation of minor minerals tippers should not exceed 10 tons. For tipper capacity of more than 10 tons, the permission of concerned department responsible for maintenance of that road should be obtained.
1.10	EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers of Central Government and State for inspection.
1.11	Removal, stacking and utilization of top soil in mining are should be ensured. Where top soil cannot be used concurrently, it shall be stored separately for future use keeping in view that the bacterial organism should not die and should be spread nearby area.
1.12	Mining shall not be undertaken in a mining lease located in 200 meter of bridge, 200 meter upstream and downstream of water supply / irrigation scheme, 100 meters from the edge of National Highway and railway line, 50 meters from a reservoir, canal or building, 25 metre from the edge of State Highway and 10 meters from the edge of other roads except on special exemption by the Sub-

S. No	EC Conditions
	Divisional level Joint Inspection Committee.
1.13	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 and other relevant Acts/rules related with mining of minor minerals.
1.14	Mining shall be as per the approved 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.
1.15	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.
1.16	The mining operations will be carried out only from sun-rise to sunset.
1.17	The project proponent shall earmark at least two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500 m of the project site and monthly monitoring of the depth is to be carried out. District Mining Officer is to monitor the same.
1.18	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.
1.19	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.
1.20	The mining of minor mineral (sand) shall be carried out only up to a depth of 3 m as approved in mining plan or above the groundwater level, whichever is less.
1.21	The project proponent and Mining officer shall ensure that wherever deployment of labour attracts the Mines Act 1952, the provisions thereof shall be strictly followed.
1.22	The project proponent shall undertake plantation/afforestation work by planting native species in the nearby area/ adjacent to the mine lease.
1.23	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 points 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.
1.24	The project proponent shall undertake adequate safeguard measures during extraction of minor minerals 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.

S. No	EC Conditions
1.25	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.
1.26	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.
1.27	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.
1.28	Adequate numbers (as proposed in the EMP) of tree shall be planted, protected, maintained and established by the project proponent in vacant area in the village near to the mining site or through the Forest Department under GPM scheme.
1.29	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.
1.30	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.
1.31	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.
1.32	A first aid room shall be provided in the project both during construction and operations of the project.
1.33	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.
1.34	Provision shall be made for the housing of workers, if residing at 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.

S. No	EC Conditions
1.35	The 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.
1.36	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.
1.37	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.
1.38	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.
1.39	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.
1.40	The risk assessment and disaster management plan should be prepared.
1.41	The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
1.42	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 7.5 m width shall be left intact around the mine lease boundary.
1.43	The project proponent shall ensure the implementation of the post-closure mining plan as proposed by the project proponent in the Mining plan.
1.44	The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.
1.45	The Project Proponent shall report monitoring data on air pollution, traffic management, levels of production and maintenance of Road etc.

2. Additional Conditions

S. No	EC Conditions												
2.1	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.												
2.2	The project proponent shall, after ceasing mining operations, undertake re-grassing of the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.												
2.3	The project proponent shall comply with all the conditions of the Mining Plan and the recommendations of the Sub-Divisional Committees made in the approved DSR.												
2.4	The SEIAA reserves the right to stipulate additional conditions if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time-bound manner. SEIAA may revoke or suspend the environmental clearance if the implementation of any of the above conditions is not found to be satisfactory.												
2.5	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.												
2.6	Enhancement in the total quantity can be approved by SEIAA upon submission of credible replenishment study data.												
2.7	The environmental clearance will be valid for a period of 30 years from the date of issuance and further extendable for 20 years, (subject to adequacy of EIA/EMP to be reviewed every 5 years after 30 years) as per the provisions of OM dated 13.12.2022 of the MOEF&CC and further subject to availability of minor minerals and valid Mining Plan for mining of minor minerals in the above said location and Khasra numbers.												
2.8	<p>The project proponent shall deposit funds for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC as specified at S No. 3 in the following Budget Head:</p> <table border="1" data-bbox="336 1491 1469 1720"> <tbody> <tr> <td>Demand No.</td> <td>32- Forestry and Wildlife</td> </tr> <tr> <td>Major Head</td> <td>0406 – Forestry and Wildlife</td> </tr> <tr> <td>Sub-Major Head</td> <td>01 – Forestry</td> </tr> <tr> <td>Minor Head</td> <td>102- Receipts from Social and Farm Forestry</td> </tr> <tr> <td>Sub-Head</td> <td>03 – Green Punjab Mission</td> </tr> <tr> <td>Detailed Head</td> <td>01- Green Punjab Mission Fees</td> </tr> </tbody> </table>	Demand No.	32- Forestry and Wildlife	Major Head	0406 – Forestry and Wildlife	Sub-Major Head	01 – Forestry	Minor Head	102- Receipts from Social and Farm Forestry	Sub-Head	03 – Green Punjab Mission	Detailed Head	01- Green Punjab Mission Fees
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Sub-Head	03 – Green Punjab Mission												
Detailed Head	01- Green Punjab Mission Fees												
2.9	The project proponent shall undertake EMP / Additional Environment Activities as per serial no.19 mentioned in the above table. In case the mining department decides to undertake the plantation through the State Forest Department under GPM scheme, an amount of Rs 18.42 Lakhs towards the capital cost & Rs 6.14 Lakhs/annum towards the recurring cost for Plantation of 1842 saplings and Rs 25.16 Lakhs for additional environmental activities towards the capital cost and will be deposited in Green Punjab Mission budget sub-head through DFO Pathankot prior to commencement of mining operations for undertaking plantations by the State Forest Department.												

S. No	EC Conditions
	Other EMP activities will also be undertaken concurrently and proportionally with mining operations

Standard EC Conditions for (Mining of minerals)

1. Miscellaneous

S. No	EC Conditions
1.1	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.
1.2	The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to generate opportunities of employment for them.
1.3	The project proponent may apply for transfer of EC under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the EC is transferred in his name and the transferee will be lawfully bound to comply with all the conditions of the EC.
1.4	The monitoring of the mining project shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
1.5	No change in mining technology and scope of working should be made without prior approval of the SEIAA, Punjab.
1.6	No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made without the approval of the competent authority.
1.7	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 10 micron i.e., PM) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the PPCB.
1.8	Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM) & NOx should be regularly submitted to the MoEF&CC including its Regional office located at Chandigarh and the PPCB / Central Pollution Control Board (CPCB) once in six months and SEIAA, Punjab.
1.9	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
1.10	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.

S. No	EC Conditions
1.11	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.
1.12	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.
1.13	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 mining operations.
1.14	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.
1.15	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.
1.16	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.
1.17	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.
1.18	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.
1.19	The project proponent shall adhere to the commitments made in the Environment Management Plan.
1.20	The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the environmental clearance letter informing that the project has been accorded Environmental Clearance (EC) and a copy of the clearance letter is available with the PPCB and also at web site of MoEF&CC at http://envfor.nic.in and a copy of the same should be forwarded to the Regional office of MoEF&CC at Chandigarh and SEIAA, Punjab.
1.21	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.

S. No	EC Conditions
1.22	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 or incase of non-compliance of EC conditions.

