

**Proceedings of 248<sup>th</sup> meeting of State Expert Appraisal Committee (SEAC) held on 27.05.2023 at 11:00 AM in the Conference Hall no. 2, MGSIPA Complex, Sector-26, Chandigarh**

Following were present:

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

**Item No. 248.01: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Sandhwal, Tehsil Mukerian, District Hoshiarpur by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur Division. (Proposal No. SIA/PB/MIN/422758/2023).**

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

The Department has deposited requisite fee of Rs. 5260/-vide reference no. N079232379048874 dated 20.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/Sandhwal/774 dated 14.03.2023.

**Deliberations during 246th meeting of SEAC held on 02.05.2023**

During meeting, the Committee observed no one on behalf of the Environmental Consultant and Project Proponent appeared before the Committee to present the case. The Committee, therefore, decided to defer the case to the next meeting.

**Deliberations during 248th meeting of SEAC held on 27.05.2023.**

The meeting was attended by the following:

- (i) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd (Through VC).
- (ii) Mr. Paras Mahajan, Asst. Geologist.
- (iii) Mr. Sandeep Kumar, SDO, Hoshiarpur

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:	Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab 9417900074 sartaj.randhawa074@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/422758/2023

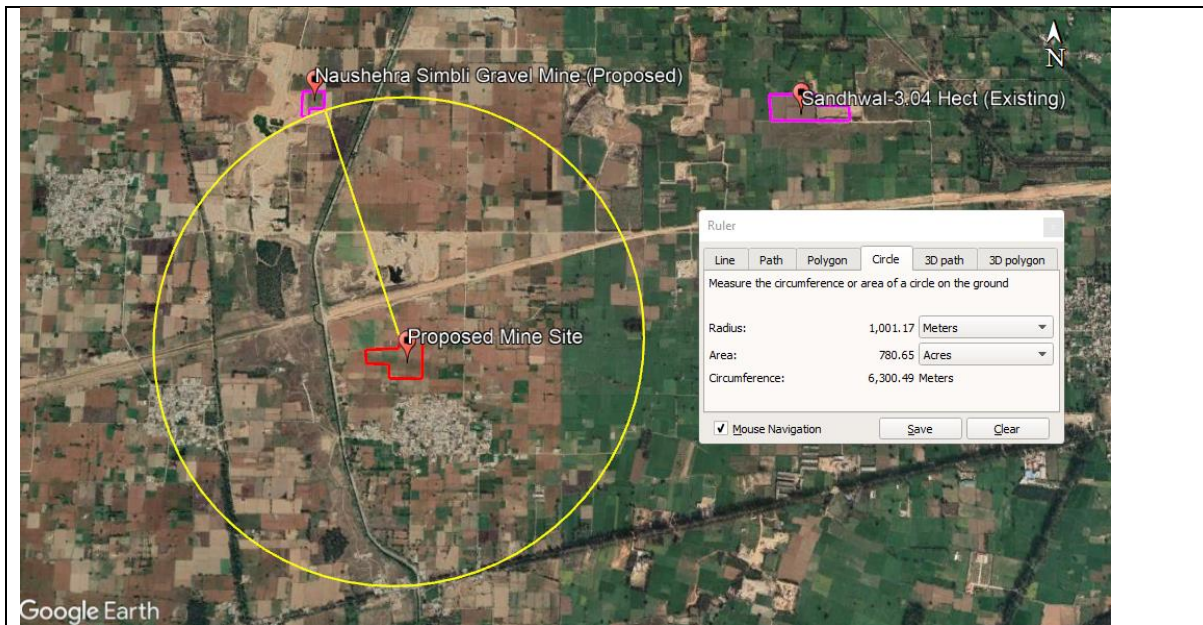
iv)	Project Name & Location	Sandhwal Gravel Mining Project Village: Sandhwal Tehsil- Mukerian District- Hoshiarpur, State Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

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

S.No.	Item	Details																											
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2																											
b.	Hadbast No. of the Village	<b>356</b>																											
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	Khasra No. of the proposed mining site as per DSR is 74//23, 74//24, 74//25, 78//1, 78//2, 78//3/1, 78//3/2, 78/4, 78//5/1, 78//5/2, 78//7, 78//8/1, 78//8/2, 78//9, 78//6, 78//7, 79//1 & Khasra No. of the proposed mining site as per proposal is 74//23, 74//24, 78//1, 78//2, 78//3/1, 78//3/2, 78/4, 78//7, 78//8/1, 78//8/2, 78//9																											
d.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No, the Sandhwal mining area mentioned in the DSR is same as per the proposal submitted.																											
d.1	Area & Quantity details as per Mining plan	2.63 Ha and 80478 MT																											
e	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>B.P 1</td> <td>31°58'29.78"</td> <td>75°42'24.14"</td> </tr> <tr> <td>B.P 2</td> <td>31°58'29.98"</td> <td>75°42'29.36"</td> </tr> <tr> <td>B.P 3</td> <td>31°58'31.80"</td> <td>75°42'29.41"</td> </tr> <tr> <td>B.P 4</td> <td>31°58'31.84"</td> <td>75°42'33.03"</td> </tr> <tr> <td>B.P 5</td> <td>31°58'26.03"</td> <td>75°42'33.10"</td> </tr> <tr> <td>B.P 6</td> <td>31°58'26.09"</td> <td>75°42'27.96"</td> </tr> <tr> <td>B.P 7</td> <td>31°58'27.91"</td> <td>75°42'27.86"</td> </tr> </tbody> </table>	Geo-Coordinates of the Lease Area			Pillar No.	Latitude	Longitude	B.P 1	31°58'29.78"	75°42'24.14"	B.P 2	31°58'29.98"	75°42'29.36"	B.P 3	31°58'31.80"	75°42'29.41"	B.P 4	31°58'31.84"	75°42'33.03"	B.P 5	31°58'26.03"	75°42'33.10"	B.P 6	31°58'26.09"	75°42'27.96"	B.P 7	31°58'27.91"	75°42'27.86"
Geo-Coordinates of the Lease Area																													
Pillar No.	Latitude	Longitude																											
B.P 1	31°58'29.78"	75°42'24.14"																											
B.P 2	31°58'29.98"	75°42'29.36"																											
B.P 3	31°58'31.80"	75°42'29.41"																											
B.P 4	31°58'31.84"	75°42'33.03"																											
B.P 5	31°58'26.03"	75°42'33.10"																											
B.P 6	31°58'26.09"	75°42'27.96"																											
B.P 7	31°58'27.91"	75°42'27.86"																											

		B.P 8	31°58'27.96"	75°42'24.32"
f.	Details of cluster formation	There is no cluster formation		
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted		
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation Report submitted		
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	<p>A copy of certificate issued by the Divisional Forest Officer of District Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites is not included in the areas notify under section-4 &amp; 5 of the PLPA, 1900.</p> <p>A copy of certificate issued by the Divisional Forest Officer, Wildlife, Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites does not fall in the eco-sensitive zones of Wildlife Sanctuary and Conservation reserves under the Wildlife (Protection)Act, 1972 and Punjab Wildlife Preservation Act, 1959. Further, the land does not fall in any sanctuary and conservation reserves.</p>		
j.	Salient features of approved mining plans	Salient features of approved mining plan are presented in Environment Management Plan (EMP) and Pre-feasibility Report (PFR) submitted.		
k.	Method of mining	Open cast Semi-Mechanized method is proposed for mining.		
l.	No. of workers on the site when fully operational	35		
m.	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 <b>Total: 2.60 KLD</b>		
n.	Waste water generation and its disposal	Mobile toilet with Septic tank followed by Soak pit.		

o.	Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.	Transportation of gravel 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.
p.	Activities to be undertaken under EMP along with its cost.	Submitted.
q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site Self-Declaration certificate submitted.
i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees would be felled during mining activity
ii)	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	It is a Gravel Mine. Distance from nearest habitation is 62m and the same has been incorporated in the KML file.
iii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Not Applicable as this is Gravel Mining Site.
iv)	In case, the proposed mining site does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.	The proposed mining site does not include in a cluster. Distance from the nearest mining site Naushehra Simbli Gravel Mine 1.00 Km towards NNW. The same has been incorporated in the KML file. Below image shows the KML file, the distance from the nearest mining site.



v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures are enclosed in EMP, submitted.															
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	<table border="1"> <thead> <tr> <th data-bbox="820 1160 916 1249">S.No.</th> <th data-bbox="916 1160 1198 1249">Proposed Activities</th> <th data-bbox="1198 1160 1386 1249">Capital Cost (in Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="820 1249 916 1375">1</td> <td data-bbox="916 1249 1198 1375">Solar Lamp distribution in nearby villages</td> <td data-bbox="1198 1249 1386 1861" rowspan="5">1,10,000/-</td> </tr> <tr> <td data-bbox="820 1375 916 1500">2</td> <td data-bbox="916 1375 1198 1500">Provide drinking water in nearby schools</td> </tr> <tr> <td data-bbox="820 1500 916 1626">3</td> <td data-bbox="916 1500 1198 1626">Constructions of sitting benches in Village streets</td> </tr> <tr> <td data-bbox="820 1626 916 1751">4</td> <td data-bbox="916 1626 1198 1751">Plantation of trees with tree guards</td> </tr> <tr> <td data-bbox="820 1751 916 1868">5</td> <td data-bbox="916 1751 1198 1868">Distribution of wheel chairs for the handicapped students</td> </tr> </tbody> </table>		S.No.	Proposed Activities	Capital Cost (in Rs.)	1	Solar Lamp distribution in nearby villages	1,10,000/-	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
S.No.	Proposed Activities	Capital Cost (in Rs.)															
1	Solar Lamp distribution in nearby villages	1,10,000/-															
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																

During meeting, on perusal of Khasra no., the Committee observed that the Khasra no. mentioned in the application form and Aks Sajra Plan matches with the Khasra no. given in the approved DSR of Hoshiarpur, NOC of land owner and approved mining plan.

The Department apprised the Committee that the total area of the Khasra No. included in the proposal works out as 2.63 Ha, which is the total extent of area approved in the DSR. The Department clarified that other khasra no. mentioned in the DSR has been erroneously given and no mining shall be done in these khasra No. The Committee noted the same.

The Committee further made it clear to the Department that the transportation from the mining site shall be done only with dumpers having carriage capacity not exceeding 10 MT. The Department agreed to the same.

The Committee further observed that the permissible quantity of minor minerals which can be excavated as per the approved DSR of District Hoshiarpur is 64382.4 MT, however, as per the application proposal and approved mining plan, the Project Proponent proposed to extract 80478 MT of minor minerals, which was in excess of the approved quantity. The Committee asked the Department to restrict the excavation up to the permissible quantity of 64382.4 MT of minor minerals as mentioned in the DSR. The proponent agreed to the same.

The Committee further observed that in the Environment Management Plan (EMP), the preference shall be given to the activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, green belt development and provision of safety shoes, masks, ear plugs, first aid kit etc. The Committee asked the Department to revise the EMP accordingly. The Department submitted the revised EMP with details as under:

<b>Sr. No.</b>	<b>Environment mitigation measure</b>	<b>Capital Cost (In Lacs)</b>	<b>Recurring Cost (Lacs/annum)</b>
(i)	Env. Monitoring for Air, Water, Noise & Soil	-	0.7
(ii)	Haul Road Maintenance including water sprinkling on road for dust suppression	-	1.0
(iii)	Greenbelt development	0.434	0.145
(iv)	Mobile Toilet	0.4	-
(v)	Tarpaulin Cover	0.3	-
(vi)	Safety Shoe, Dust Masks, Ear Plugs	0.7	-
(vii)	First Aid Kit	0.5	-
(viii)	Man Power cost for environmental cell	0.5	-
<b>Total</b>		<b>2.834</b>	<b>1.845</b>

After detailed deliberations, the Committee observed that the project site is included in the approved DSR and decided to forward the case to SEIAA with the recommendation to grant Environmental Clearance for carrying out mining of minor minerals (sand) in the land area of 2.63 Ha only to the extent of 64382.4 MT as per the SSMG 2016 and EMGSM 2020 at Village Sandhwal, Tehsil Mukerian, District Hoshiarpur subject to the conditions attached as **Annexure-I**.





**Item No. 248.02: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Mehlanwali, Tehsil & District Hoshiarpur by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur Division. (Proposal No. SIA/PB/MIN/423947/2023).**

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

The Department has deposited requisite fee of Rs. 5000/-vide reference no. N088232390730705 dated 29.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/Mahlanwali/907 dated 22.03.2023 for the permissible limit of extraction as per the said plan is 6819 TPA.

**Deliberations during 248<sup>th</sup> meeting of SEAC held on 27.05.2023.**

The meeting was attended by the following:

- (i) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd (Through VC).
- (ii) Mr. Paras Mahajan, Asst. Geologist.
- (iii) Mr. Sandeep Kumar, SDO, Hoshiarpur

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:	Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab 9417900074 sartaj.randhawa074@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/423947/2023
iv)	Project Name & Location	Mehlanwali Sand Mining Project 9 Village: Mehlanwali Tehsil- Hoshiarpur District- Hoshiarpur, State Punjab

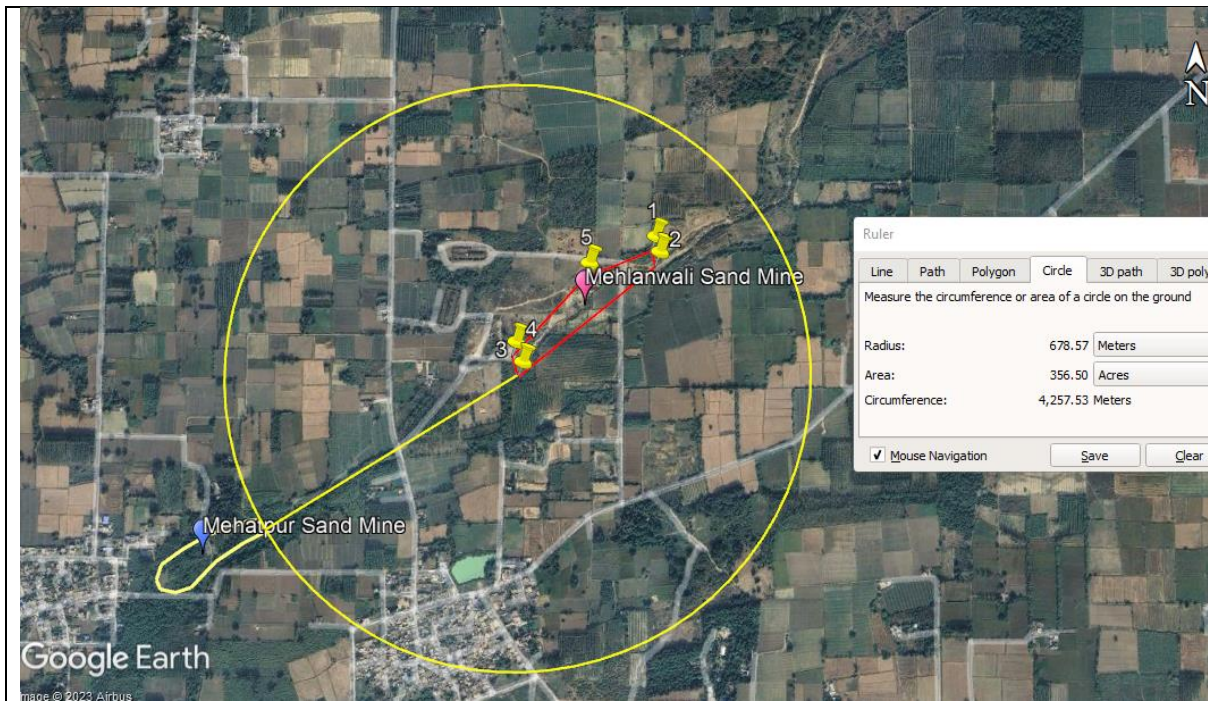
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals
----	---	-------------------------------

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

S.No.	Item	Details																					
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2																					
b.	Hadbast No. of the Village	<b>344</b>																					
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	As per proposal following Khasra No. have been mentioned 37/11, 37/20/1, 38/15/1, 38/16/1, 38/16/2, <b>38/17/1, 38/18/1, 38/22/2, 38/23</b> , 38/24, 38/25, 41/2, 41/3/1, 41/3/2, 41/4, 41/8, 41/9, 41/10, 41/11,41/12 Further, as per approved DSR, no khasra No. have been mentioned, however the Project Proponent mentioned in the application proposal that the proposed site is mentioned under <b>Annexure-V</b> in the category of Mehlanwali Choe at Serial No. 1 having code ML 01.																					
d.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No, the Mehlanwali sand mining area mentioned in the DSR is same as per the proposal submitted.																					
d.1	Area details as per Mining plan	6819 TPA																					
e	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>B.P 1</td> <td>31°30'4.88"</td> <td>75°59'24.98"</td> </tr> <tr> <td>B.P 2</td> <td>31°30'3.72"</td> <td>75°59'25.34"</td> </tr> <tr> <td>B.P 3</td> <td>31°29'55.44"</td> <td>75°59'13.30"</td> </tr> <tr> <td>B.P 4</td> <td>31°29'56.95"</td> <td>75°59'12.72"</td> </tr> <tr> <td>B.P 5</td> <td>31°30'2.87"</td> <td>75°59'19.13"</td> </tr> </tbody> </table>	Geo-Coordinates of the Lease Area			Pillar No.	Latitude	Longitude	B.P 1	31°30'4.88"	75°59'24.98"	B.P 2	31°30'3.72"	75°59'25.34"	B.P 3	31°29'55.44"	75°59'13.30"	B.P 4	31°29'56.95"	75°59'12.72"	B.P 5	31°30'2.87"	75°59'19.13"
Geo-Coordinates of the Lease Area																							
Pillar No.	Latitude	Longitude																					
B.P 1	31°30'4.88"	75°59'24.98"																					
B.P 2	31°30'3.72"	75°59'25.34"																					
B.P 3	31°29'55.44"	75°59'13.30"																					
B.P 4	31°29'56.95"	75°59'12.72"																					
B.P 5	31°30'2.87"	75°59'19.13"																					
f.	Details of cluster formation	There is no cluster formation, undertaking in this regard submitted.																					
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	<b>No land NOC submitted.</b>																					

h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation Report submitted.
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	<ol style="list-style-type: none"> <li>1. A copy of certificate issued by the Divisional Forest Officer of District Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites is not included in the areas notify under section-4 &amp; 5 of the PLPA, 1900.</li> <li>2. A copy of certificate issued by the Divisional Forest Officer, Wildlife Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites does not fall in the eco-sensitive zones of Wildlife Sanctuary and Conservation reserves under the Wildlife (Protection) Act, 1972 and Punjab Wildlife Preservation Act, 1959. Further, the land does not fall in any sanctuary and conservation reserves.</li> </ol>
j.	Salient features of approved mining plans	Salient features of approved mining plan are presented in Environment Management Plan (EMP) and Pre-feasibility Report (PFR), submitted.
k.	Method of mining	Open cast Semi-Mechanized method is proposed for mining.
l.	No. of workers on the site when fully operational	35
m.	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 <b>Total: 2.60 KLD</b>
n.	Waste water generation and its disposal	Mobile toilet with Septic tank.
o.	Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.	Transportation of Sand from mine will be done by dumpers having carriage capacity of appx. 20 tonnes or as per availability of trucks and trollies. Transportation route map submitted.  11
p.	Activities to be undertaken under EMP along with its cost.	Submitted

q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site Self-Declaration certificate is submitted.
r.	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
s.	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	Distance from nearest habitation Mehlanwali village is 427 m towards south direction. The same has been incorporated in the KML file.
t.	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Road Bridge- 1.2 Km towards NNE from the mine lease area.
u.	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.	The proposed mining site does not include in a cluster. Distance from the nearest mining site Mehatpur Sand Mine 0.678 Km towards SW. The same has been incorporated in the KML file. Below image shows the KML file, the distance from the nearest mining site.



v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures are submitted.														
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	<table border="1"> <thead> <tr> <th data-bbox="751 1234 826 1368">S. No</th> <th data-bbox="831 1234 1214 1368">Proposed Activities</th> <th data-bbox="1219 1234 1393 1368">Capital Cost (in Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="751 1375 826 1458">1</td> <td data-bbox="831 1375 1214 1458">Solar Lamp distribution in nearby villages</td> <td data-bbox="1219 1375 1393 1861" rowspan="5">50,000/-</td> </tr> <tr> <td data-bbox="751 1464 826 1547">2</td> <td data-bbox="831 1464 1214 1547">Provide drinking water in nearby schools</td> </tr> <tr> <td data-bbox="751 1554 826 1637">3</td> <td data-bbox="831 1554 1214 1637">Constructions of sitting benches in Village streets</td> </tr> <tr> <td data-bbox="751 1644 826 1727">4</td> <td data-bbox="831 1644 1214 1727">Plantation of trees with tree guards</td> </tr> <tr> <td data-bbox="751 1733 826 1861">5</td> <td data-bbox="831 1733 1214 1861">Distribution of wheel chairs for the handicapped students</td> </tr> </tbody> </table>	S. No	Proposed Activities	Capital Cost (in Rs.)	1	Solar Lamp distribution in nearby villages	50,000/-	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
S. No	Proposed Activities	Capital Cost (in Rs.)														
1	Solar Lamp distribution in nearby villages	50,000/-														
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															

During meeting, the Committee perused the SEIAA letter no 542 dated 29.03.2023 vide which SEIAA allowed the Department of Mines & Geology to undertake sand mining in the sites identified in the approved DSR of District Hoshiarpur through its concessionaires or through appropriate alternate methods till 30.06.2023, during which time, the regular Environmental Clearance for the sites will be applied for and obtained by the Department. The permission

was granted subject to the condition that in case of river bed sites, depth of extraction should not exceed 1 m and maximum quantity to be extracted should not exceed 50% of the net mineable deposits identified in the DSRs.

Sh. P.S Bhogal & Sh . K.L Malhotra apprised the Committee that the river bed site namely Mehalawali Choe in District Hoshiarpur was visited by the five-member Committee constituted in compliance of the orders of the Hon'ble NGT dated 26-02-2021 in OA No 360 of 2015 on 08.05.2023 and it was observed as under:

- (i) 51 MT of the sand has been excavated out of the 6819 MT quantity of the sand approved in the Mine Plan. Thus, only 0.75 % of the sand was excavated out of the total approved quantity as there was very little demand of sand at this site.
- (ii) The Department further informed that one of the main reasons for lack of demand appeared to be the very poor quality of sand at this site.

SEAC took note of the above and observed that as per the inspection report, the Department of Mines and Geology has extracted only 0.75% of the permissible mineable deposits identified in the DSR as per the approval granted by SEIAA.

SEAC further perused the Khasra no. mentioned in the land NOC & jamabandi and observed that the khasra no. mentioned in the land NOC does not speak in the ownership of the land owner as per jamabandi. The Committee asked the Department to submit the revised land NOC in the name of the actual land owner.

The Committee further made it clear to the Department that the transportation from the mining site shall be done only with dumpers having carriage capacity not exceeding 10 MT. The Department agreed to the same.

After detailed deliberations, SEAC decided to send the case to SEIAA with a recommendation to return it to the Department of Mines & Geology with an advice to re-consider the requirement of Environmental Clearance for this site after assessing the quality of sand and the demand.

**Item No. 248.03: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Naushehra Simbli, Tehsil & District Hoshiarpur by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur Division. (Proposal No. SIA/PB/MIN/423891/2023).**

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

The Department has deposited requisite fee of Rs. 1620/-vide reference no. N088232390719810 dated 29.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/ Naushehra Simbli/932 dated 22.03.2023 for excavation of the 8262 TPA of the minor minerals.

**Deliberations during 248<sup>th</sup> meeting of SEAC held on 27.05.2023.**

The meeting was attended by the following:

- (i) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd (Through VC).
- (ii) Mr. Paras Mahajan, Asst. Geologist.
- (iii) Mr. Sandeep Kumar, SDO, Hoshiarpur

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:	Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab 9417900074 sartaj.randhawa074@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/423891/2023
iv)	Project Name & Location	Naushehra Simbli Gravel Mining Project Village: Naushehra Simbli Tehsil- Mukerian District- Hoshiarpur, State Punjab

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

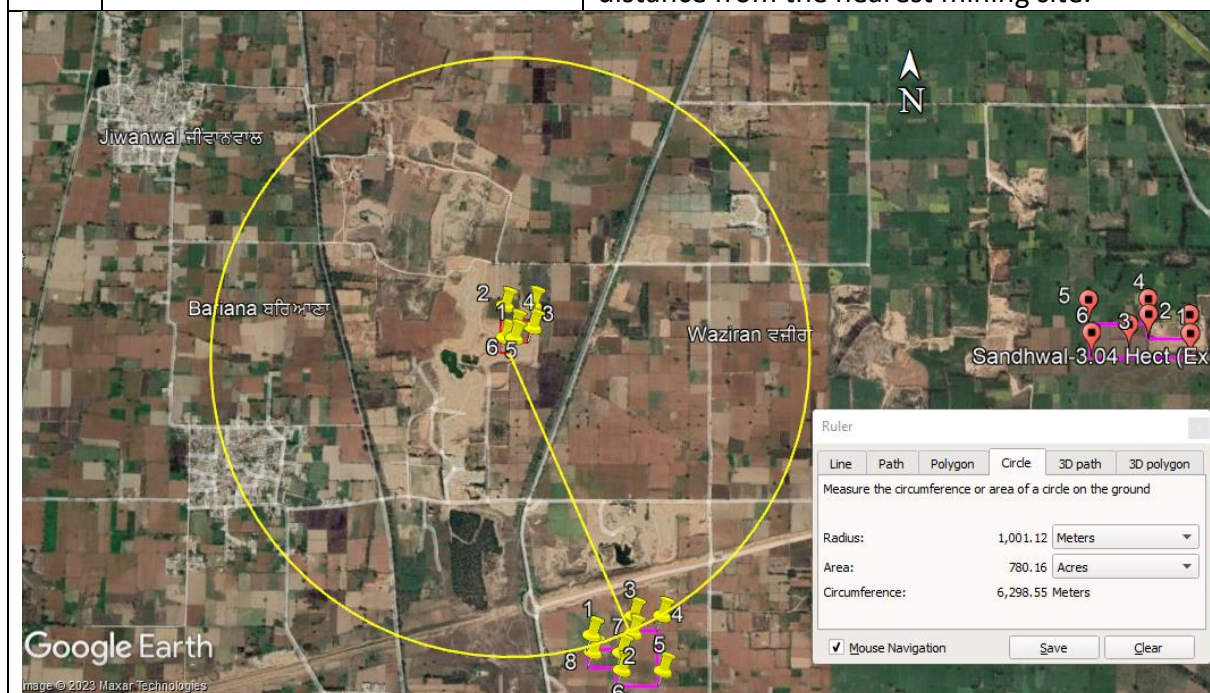
**1.0 The details of the mining project are as under:**

S.No.	Item	Details																								
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2																								
b.	Hadbast No. of the Village	<b>354</b>																								
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	<p><b>Khasra No. as per DSR</b> 108//8/2, 108//9, 108//10, 108//11, 108//12, 108//13, 108//18/1, 108//19/1, <b>180//20</b>, 109//6, 109//15, 109//16&amp;</p> <p><b>Khasra No. as per proposal</b> 108//11, 12, 19/1, 20</p>																								
d.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No, the Naushehra Simbli mining area mentioned in the DSR is same as per the proposal submitted.																								
d.1	Area details as per proposal	0.81 Ha																								
e	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>B.P 1</td> <td>31°59'1.52"N</td> <td>75°42'12.96"E</td> </tr> <tr> <td>B.P 2</td> <td>31°59'5.00"N</td> <td>75°42'12.98"E</td> </tr> <tr> <td>B.P 3</td> <td>31°59'5.11"N</td> <td>75°42'16.53"E</td> </tr> <tr> <td>B.P 4</td> <td>31°59'2.63"N</td> <td>75°42'16.50"E</td> </tr> <tr> <td>B.P 5</td> <td>31°59'2.61"N</td> <td>75°42'14.19"E</td> </tr> <tr> <td>B.P 6</td> <td>31°59'1.49"N</td> <td>75°42'14.17"E</td> </tr> </tbody> </table>	Geo-Coordinates of the Lease Area			Pillar No.	Latitude	Longitude	B.P 1	31°59'1.52"N	75°42'12.96"E	B.P 2	31°59'5.00"N	75°42'12.98"E	B.P 3	31°59'5.11"N	75°42'16.53"E	B.P 4	31°59'2.63"N	75°42'16.50"E	B.P 5	31°59'2.61"N	75°42'14.19"E	B.P 6	31°59'1.49"N	75°42'14.17"E
Geo-Coordinates of the Lease Area																										
Pillar No.	Latitude	Longitude																								
B.P 1	31°59'1.52"N	75°42'12.96"E																								
B.P 2	31°59'5.00"N	75°42'12.98"E																								
B.P 3	31°59'5.11"N	75°42'16.53"E																								
B.P 4	31°59'2.63"N	75°42'16.50"E																								
B.P 5	31°59'2.61"N	75°42'14.19"E																								
B.P 6	31°59'1.49"N	75°42'14.17"E																								
f.	Details of cluster formation	There is no cluster formation. Undertaking in this regard submitted.																								
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted																								
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation Report submitted.																								
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	1. A copy of certificate issued by the Divisional Forest Officer of District Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites is not included in the areas notified under section-4 & 5 of the PLPA, 1900.																								



		2. A copy of certificate issued by the Divisional Forest Officer, Wildlife, Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites does not fall in the eco-sensitive zones of Wildlife Sanctuary and Conservation reserves under the Wildlife (Protection) Act, 1972 and Punjab Wildlife Preservation Act, 1959. Further, the land does not fall in any sanctuary and conservation reserves.
j.	Salient features of approved mining plans	Salient features of approved mining plan are presented in Environment Management Plan (EMP) and Pre-feasibility Report (PFR) submitted.
k.	Method of mining	Open cast Semi-Mechanized method is proposed for mining.
l.	No. of workers on the site when fully operational	35
m.	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 <b>Total: 2.60 KLD</b>
n.	Waste water generation and its disposal	Mobile toilet with Septic tank followed by Soak pit.
o.	Information regarding nos of truck/trolleys per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha, pakka road and ROW.	Transportation of gravel 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.
p.	Activities to be undertaken under EMP along with its cost.	Submitted
q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site Self-Declaration certificate is submitted.
r.	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
s.	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	It is a Gravel Mine. Distance from nearest habitation Bariana village is 692m towards SW direction. The same has been incorporated in the KML file.

	carrying out the mining near the habitation area.	
t.	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Not Applicable as this is Gravel Mining Site.
u.	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.	The proposed mining site does not include in a cluster. Distance from the nearest mining site Naushehra Simbli Gravel Mine 1.00 Km towards NNW. The same has been incorporated in the KML file. Below image shows the KML file, the distance from the nearest mining site.



v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures submitted.
----	---	---

vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:			
		<b>S. No.</b>	<b>Proposed Activities</b>	<b>Capital Cost (in Rs.)</b>
		1	Solar Lamp distribution in nearby villages	1,10,000/-
		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			

During meeting, on perusal of Khasra no., the Committee observed that the Khasra no. mentioned in the application form matches with the Khasra no. given in the approved DSR of Hoshiarpur, NOC of land owner and approved mining plan.

The Department apprised the Committee that the total area of the Khasra No. included in the proposal works out as 2.63 Ha, which is the total extent of area approved in the DSR. The Department clarified that other khasra no. mentioned in the DSR has been erroneously given and no mining shall be done in these khasra No. The Committee noted the same.

The Committee further perused the Aks Sajra Plan of the land area wherein the mining is to be carried out and observed that the land area of the proposed site is more than the land area of 0.81 Ha mentioned in the application proposal. The Committee asked the Department to re-submit the KML file superimposed on the Aks Sajra plan clearly indicating the proposed land area as mentioned in the application proposal wherein mining is actually to be carried out. The Department thereafter submitted a copy of the KML file superimposed with Aks Sajra plan and informed that as per DSR only 0.81 Ha area is available for mining and remaining area shall not be mined. The Committee took copy of the same on record.

The Committee further observed that the permissible quantity of minor minerals which has been given in the approved DSR of District Hoshiarpur for the proposed site is 21068.1 MT. However, as per the application proposal and approved mining plan, the Project Proponent proposed to extract 24786 MT of minor minerals, which was exceeding the approved quantity. The Committee asked the Department to restrict the excavation up to the permissible quantity as mentioned in the DSR. The Department agreed to the same.

The Committee further observed that in the Environment Management Plan (EMP), the priority should be given to the activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, green belt development and provision of safety shoes, masks, ear plugs, first aid kit etc. The Committee asked the Department to revise the EMP accordingly. The Department submitted the revised EMP with details as under:

Sr. No.	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)
(i)	Env. Monitoring for Air, Water, Noise & Soil	-	0.7
(ii)	Haul Road Maintenance including water sprinkling on road for dust suppression	-	1.0
(iii)	Greenbelt development	0.134	0.045
(iv)	Mobile Toilet	0.4	-
(v)	Tarpaulin Cover	0.3	-
(vi)	Safety Shoe, Dust Masks, Ear Plugs	0.7	-
(vii)	First Aid Kit	0.5	-
(viii)	Man Power cost for environmental cell	0.5	-
<b>Total</b>		<b>2.534</b>	<b>1.745</b>

The Committee further made it clear to the Department that the transportation from the mining site shall be done only with dumpers having carriage capacity not exceeding 10 MT. The Department agreed to the same.

After detailed deliberations, the Committee observed that the project site is included in the approved DSR and decided to forward the case to SEIAA with the recommendation to grant Environmental Clearance for carrying out mining of minor minerals (sand) in the land area of 0.81 Ha only to the extent of the approved quantity of 21068.1 MT as per the SSMG 2016 and EMGSM 2020 at Village Naushehra Simbli, Tehsil & District Hoshiarpur subject to the conditions attached as **Annexure-I**.

**Item No. 248.04: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Ghukarewal, Tehsil & District Hoshiarpur by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Hoshiarpur Division. (Proposal No. SIA/PB/MIN/423891/2023).**

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

The Department has deposited requisite fee of Rs. 8620/-vide reference no. N088232388807313 dated 28.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/ Ghukarewal/788 dated 15.03.2023 for the excavation of 20171.16 TPA.

**Deliberations during 248<sup>th</sup> meeting of SEAC held on 27.05.2023.**

The meeting was attended by the following:

- (i) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd (Through VC).
- (ii) Mr. Paras Mahajan, Asst. Geologist.
- (iii) Mr. Sandeep Kumar, SDO, Hoshiarpur

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:	Sartaj Singh Randhawa, Executive Engineer-Hoshiarpur Drainage –cum-Mining & Geology Division, Hoshiarpur, WRD Punjab 9417900074 sartaj.randhawa074@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/423761/2023
iv)	Project Name & Location	Ghukarewal Sand Mining Project Village: Ghukarewal Tehsil- Garhshankar District- Hoshiarpur, State Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

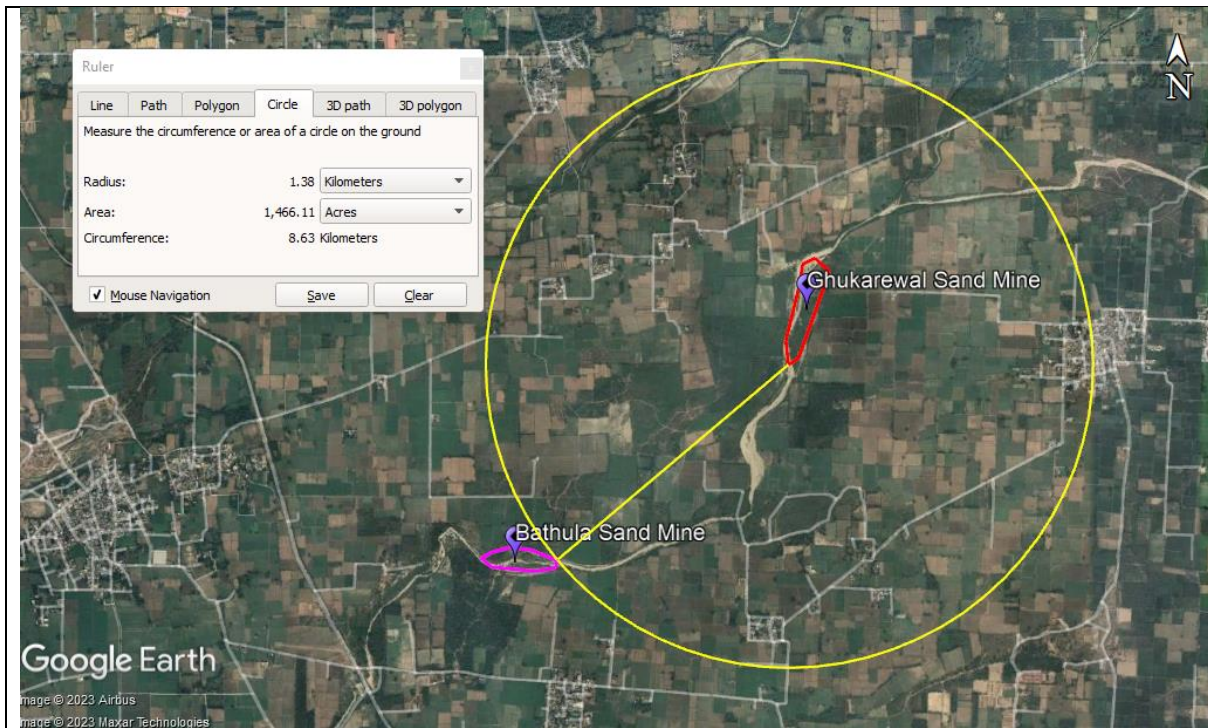
**1.0 The details of the mining project are as under:**

Sr. No.	Item	Details																														
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2																														
b.	Hadbast No. of the Village	<b>326</b>																														
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	<p>(i) No Khasra No. have been mentioned in the approved DSR of District Hoshiarpur.</p> <p>(ii) The proposed mining site fall at Serial No. 1 having code RD01 as per Annexure-V of the approved DSR with an area of 4.31 Ha.</p> <p>(iii) Khasra No. as per proposal 4//1/2, <b>4//2/2</b>, 4/8, 4/9, 4/10, 4/11, 4/12, 4/19, 4/20, 4/21, 4/22, 5/25, 8//5/2, 8//6/1, 8//15/2, <b>8//16/1</b>, 9/1, 9/2, 9/10, 9/11, <b>9/20</b></p> <p>(iv) Khasra No. as per the land NOC 4//1/2, 8, 9, 10, 11, 12, 19, 20, 21, 22, 5//25, 8//5/2, 6/1, 15/2, 9//1, 2, 10, 11</p>																														
d.	Whether the mining area is less than area mentioned in the DSR,(If yes) the proposed mining area shall be earmarked in the KML file with different color.	No, the Ghukarewal sand mining area mentioned in the DSR is same as per the proposal submitted.																														
d.1	Area details as per proposal	4.31 Ha																														
e	Longitude & Latitude of the mining site	<table border="1" data-bbox="794 1496 1362 2018"> <thead> <tr> <th colspan="3" data-bbox="804 1509 1353 1541"><b>Geo-Coordinates of the Lease Area</b></th> </tr> <tr> <th data-bbox="804 1554 916 1621"><b>Pillar No.</b></th> <th data-bbox="916 1554 1139 1621"><b>Latitude</b></th> <th data-bbox="1139 1554 1353 1621"><b>Longitude</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="804 1621 916 1666">B.P 1</td> <td data-bbox="916 1621 1139 1666">31°27'31.900"</td> <td data-bbox="1139 1621 1353 1666">76°2'9.088"</td> </tr> <tr> <td data-bbox="804 1666 916 1711">B.P 2</td> <td data-bbox="916 1666 1139 1711">31°27'32.812"</td> <td data-bbox="1139 1666 1353 1711">76°2'11.325"</td> </tr> <tr> <td data-bbox="804 1711 916 1756">B.P 3</td> <td data-bbox="916 1711 1139 1756">31°27'30.799"</td> <td data-bbox="1139 1711 1353 1756">76°2'13.678"</td> </tr> <tr> <td data-bbox="804 1756 916 1800">B.P 4</td> <td data-bbox="916 1756 1139 1800">31°27'21.318"</td> <td data-bbox="1139 1756 1353 1800">76°2'9.818"</td> </tr> <tr> <td data-bbox="804 1800 916 1845">B.P 5</td> <td data-bbox="916 1800 1139 1845">31°27'18.125"</td> <td data-bbox="1139 1800 1353 1845">76°2'8.403"</td> </tr> <tr> <td data-bbox="804 1845 916 1890">B.P 6</td> <td data-bbox="916 1845 1139 1890">31°27'17.128"</td> <td data-bbox="1139 1845 1353 1890">76°2'6.738"</td> </tr> <tr> <td data-bbox="804 1890 916 1935">B.P 7</td> <td data-bbox="916 1890 1139 1935">31°27'20.679"</td> <td data-bbox="1139 1890 1353 1935">76°2'6.257"</td> </tr> <tr> <td data-bbox="804 1935 916 1980">B.P 8</td> <td data-bbox="916 1935 1139 1980">31°27'29.157"</td> <td data-bbox="1139 1935 1353 1980">76°2'8.692"</td> </tr> </tbody> </table>	<b>Geo-Coordinates of the Lease Area</b>			<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>	B.P 1	31°27'31.900"	76°2'9.088"	B.P 2	31°27'32.812"	76°2'11.325"	B.P 3	31°27'30.799"	76°2'13.678"	B.P 4	31°27'21.318"	76°2'9.818"	B.P 5	31°27'18.125"	76°2'8.403"	B.P 6	31°27'17.128"	76°2'6.738"	B.P 7	31°27'20.679"	76°2'6.257"	B.P 8	31°27'29.157"	76°2'8.692"
<b>Geo-Coordinates of the Lease Area</b>																																
<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>																														
B.P 1	31°27'31.900"	76°2'9.088"																														
B.P 2	31°27'32.812"	76°2'11.325"																														
B.P 3	31°27'30.799"	76°2'13.678"																														
B.P 4	31°27'21.318"	76°2'9.818"																														
B.P 5	31°27'18.125"	76°2'8.403"																														
B.P 6	31°27'17.128"	76°2'6.738"																														
B.P 7	31°27'20.679"	76°2'6.257"																														
B.P 8	31°27'29.157"	76°2'8.692"																														
f.	Details of cluster formation	There is no cluster formation. An undertaking is submitted.																														

g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation Report submitted
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	<ol style="list-style-type: none"> <li>1. A copy of certificate with no mentioning of No. &amp; date issued by the Divisional Forest Officer of District Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites is not included in the areas notified under section-4 &amp; 5 of the PLPA, 1900.</li> <li>2. A copy of certificate with no mentioning of No. &amp; date issued by the Divisional Forest Officer, Wildlife, Hoshiarpur submitted, wherein it has been mentioned that the land proposed for the potential sand mining sites does not fall in the eco-sensitive zones of Wildlife Sanctuary and Conservation reserves under the Wildlife (Protection) Act, 1972 and Punjab Wildlife Preservation Act, 1959. Further, the land does not fall in any sanctuary and conservation reserves.</li> </ol>
j.	Salient features of approved mining plans	Salient features of approved mining plan are presented in Environment Management Plan (EMP) and Pre-feasibility Report (PFR) submitted and attached as Annexure No: 4 & 5 of the application proposal.
k.	Method of mining	Open cast Semi-Mechanized method is proposed for mining.
l.	No. of workers on the site when fully operational	35
m.	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 <b>Total: 2.60 KLD</b>
n.	Waste water generation and its disposal	Mobile toilet with Septic tank followed by Soak pit.
o.	Information regarding nos of truck/trolleys per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation	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

	route with proper earmarking of katcha, pakka road and ROW.	
p.	Activities to be undertaken under EMP along with its cost.	
	<b>Sr. No.</b>	<b>Environment mitigation measure</b>
		<b>Capital Cost (In Lacs)</b>
		<b>Recurring Cost (Lacs/annum)</b>
	(i)	Env. Monitoring for Air, Water, Noise & Soil
	(ii)	Haul Road Maintenance
	(iii)	Greenbelt development
	(iv)	Mobile Toilet
	(v)	Tarpaulin Cover
	(vi)	Safety Shoe, Dust
	(vii)	Masks, Ear Plugs,
	(viii)	First Aid Kit etc.
	(ix)	Man Power cost for environmental cell
	<b>Total</b>	<b>3.3</b>
		<b>2.05</b>
q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site Self-Declaration certificate is submitted.
r.	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
s.	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	Distance from nearest habitation is 587 m Bassi shah Mohammed Village towards WNW direction. The same has been incorporated in the KML file
t.	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Choe Bridge- 2.05 Km towards E from the mine lease area.
u.	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.	The proposed mining site does not include in a cluster. Distance from the nearest mining site Bathula Sand Mine 1.38 Km towards SW. The same has been incorporated in the KML file and will be presented before the committee. Below image shows the KML file, the distance from the nearest mining site.





v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures are submitted.														
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	<table border="1"> <thead> <tr> <th data-bbox="831 1178 922 1256">S.No.</th> <th data-bbox="927 1178 1193 1256">Proposed Activities</th> <th data-bbox="1198 1178 1391 1256">Capital Cost (in Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="831 1263 922 1375">1</td> <td data-bbox="927 1263 1193 1375">Solar Lamp distribution in nearby villages</td> <td data-bbox="1198 1263 1391 1841" rowspan="5">1,80,000/-</td> </tr> <tr> <td data-bbox="831 1382 922 1494">2</td> <td data-bbox="927 1382 1193 1494">Provide drinking water in nearby schools</td> </tr> <tr> <td data-bbox="831 1500 922 1612">3</td> <td data-bbox="927 1500 1193 1612">Constructions of sitting benches in Village streets</td> </tr> <tr> <td data-bbox="831 1619 922 1697">4</td> <td data-bbox="927 1619 1193 1697">Plantation of trees with tree guards</td> </tr> <tr> <td data-bbox="831 1704 922 1841">5</td> <td data-bbox="927 1704 1193 1841">Distribution of wheel chairs for the handicapped students</td> </tr> </tbody> </table>	S.No.	Proposed Activities	Capital Cost (in Rs.)	1	Solar Lamp distribution in nearby villages	1,80,000/-	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
S.No.	Proposed Activities	Capital Cost (in Rs.)														
1	Solar Lamp distribution in nearby villages	1,80,000/-														
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															

During meeting, the Committee perused the Khasra no. of the proposed mining site as per the application form and observed that these <sup>25</sup> Khasra no. does not match with Khasra no. mentioned in the land NOC submitted by the Department. The Committee asked the Department to revise the Khasra no. as per the land NOC submitted. The Department

thereafter revised the khasra no. as per the land NOC wherein mining shall be carried out and submitted a copy of letter stating the same. The Committee took copy of the said letter on record.

The Committee further desired that in the Environment Management Plan (EMP), the priority should be given to the activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, green belt development and provision of safety shoes, masks, ear plugs, first aid kit etc. The Committee asked the Department to revise the EMP accordingly. The Department submitted the revised EMP with details as under:

<b>Sr. No.</b>	<b>Environment mitigation measure</b>	<b>Capital Cost (In Lacs)</b>	<b>Recurring Cost (Lacs/annum)</b>
(i)	Env. Monitoring for Air, Water, Noise & Soil	-	0.7
(ii)	Haul Road Maintenance	-	1.0
(iii)	Greenbelt development	0.9	0.45
(iv)	Mobile Toilet	0.4	-
(v)	Tarpaulin Cover	0.3	-
(vi)	Safety Shoe, Dust Masks, Ear Plugs	0.7	-
(vii)	First Aid Kit	0.5	-
(viii)	Man Power cost for environmental cell	0.5	-
<b>Total</b>		<b>3.3</b>	<b>2.15</b>

The Committee further made it clear to the Department that the transportation from the mining site shall be done only with dumpers having carriage capacity not exceeding 10 MT. The Department agreed to the same.

After detailed deliberations, the Committee observed that the project site is included in the approved DSR and decided to forward the case to SEIAA with the recommendation to grant Environmental Clearance for carrying out mining of minor minerals (sand) in the land area of 4.31 Ha only to the extent of 40342.32 MT as per SSMG 2016 and EMGSM 2020 subject to the conditions attached as **Annexure-I**.

**Specific conditions:**

- (i) 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.
- (ii) 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.
- (iii) Mining shall be carried out through semi- mechanized method as proposed in the mining plan.
- (iv) 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.
- (v) 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.
- (vi) The mining operation will be carried out only from sun-rise to sunset.
- (vii) 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.
- (viii) 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.
- (ix) 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.
- (x) 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.

- (xi) The mining shall be carried out by the contractor/lessor as per the Environment Management Plan prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals. It shall be ensured that no mining shall be carried out during the monsoon season as defined by the Meteorological department.
- (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.
- (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](http://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 NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the PPCB.

- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NO<sub>x</sub> 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) 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.
- (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 Industries & Commerce 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.



