

Agenda for the 157th meeting of State Expert Appraisal Committee to be held on 12.04.2017 at 10.00 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

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Item no.157.01: Confirmation of the combined proceedings of 156th meeting of SEAC held on 06.04.2017.

The proceedings of 156th meeting of State Level Expert Appraisal Committee held on 06.04.2017 are under preparation and will be circulated to all as and when finalized.

Item no.157.02: Action taken on the proceedings of 156th meeting of State Level Expert Appraisal Committee held on 06.04.2017.

The proceedings of 156th meeting held on 06.04.2017 are under preparation and action will be taken after the release of minutes of meeting and action taken report will be placed thereafter.

Item No:157.03 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Heatewal, Tehsil Jagraon District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/61266/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of Heatewal, Tehsil Jagraon District Ludhiana. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 5,66,870 TPA of mining of minor minerals (Sand) will be carried out in an area of 12.96 Hectare from the bed of river Satluj in the revenue estate of village Heatewal, Tehsil Jagraon District Ludhiana in H.B. no. 179 bearing Khasra nos 14//4, 5, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 24, 25, 15//5/2, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 22/1, 22/2, 23, 24/1, 24/2, 25, 20//1, 2, 3, 4, 7, 8.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 7.39 KLD out of which 5.35 KLD will be used for domestic purpose and remaining 2.04 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 2,70,85,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However the haul roads will be repaired & maintained regularly.

7) Rs. 5,41,700 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Common vocational training centre shall be setup at district level.
- iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	:	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	:	Submitted with EIA report Form I -page no. 5-19 PFR – Page No. 20-36
2.	Proof of ownership of land such as copy of latest jamabandi	:	Complied with the EIA report Page No. 89-94
3.	Mining Plan duly approved by the State Geologist	:	Complied with the EIA report Page No. 39-88
4.	NOC from concerned DFO regarding forest land	:	Complied with the EIA report, page No. 95-98
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	:	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 95-98
6.	Status of mining at the site, if any, along with photographs from all the four sides.	:	attached Page No. 38 & 88 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	:	Attached as Enclosure – I with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum	:	Attached with EIA report Page No.101

	statutory distances are maintained. The route map to be followed should also be marked on the layout plan.		
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	:	Attached as Enclosure – II with EDS Reply
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	:	Undertaking letter already attached with report Page No. 102
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	:	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	:	Attached with EIA report Page No. 70-88
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC	:	Complied in EMP Report Page No. 70-88
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the	:	Complied in EMP Report Page No. 70-88

	project.		
c)	Compliance of various environmental regulations.	:	Complied in EMP Report Page No. 70-88
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	:	Details given in Mining officer letter attached with the Report Page No.100
14.	Mining sites located more than 1 km apart are to be considered as different block / cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	:	Mining officer letter attached with the report Page No.100
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	:	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – IV with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	:	Not Applicable

The case is placed before SEAC for consideration.

Item No:157.04: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Majara Kalan, Tehsil Ludhiana (W) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/61269/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Majara Kalan, Tehsil Ludhiana (W) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 2,36,196 TPA of mining of minor minerals (Sand) will be carried out in an area of 5.40 Hectare from the bed of river Satluj in the revenue estate of village Majara Kalan, Tehsil Ludhiana (W) District Ludhiana, Punjab in H.B. no. 119 bearing Khasra nos 1// 16/23/2,23/1,24,25,2// 20,21,3// 1,10,11/1,4// 1,2/1,2/2,3,4,8,13,9/2,10/1, 5// 6/1,17// 24,18// 21/2,23,25// 1/2,2/1.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 3.44 KLD out of which 3.06 KLD will be used for domestic purpose and remaining 0.38 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,56,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

7) Rs. 3,12,200 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Common vocational training centre shall be setup at district level.
- iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 5-19 PFR – Page No. 20-35
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 94-102
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 39-92
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 103-104
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 103-104
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 37 – 38 & 91 -92 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – I with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.108
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC,	Attached as Enclosure – II with EDS Reply

	preparation of reports and appraisal of projects.	
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 109
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 73-87
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 73-87
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 73-87
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 73-87
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,70,000 Recurring cost per year for EMP- Rs 1,34,000
f)	Name of the individual persons / organization,	Project proponent shall be

	who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.107
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.107
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – IV with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.05 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Boont, Tehsil Ludhiana (E) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60652/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Boont, Tehsil Ludhiana (E) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 10,62,007 TPA of mining of minor minerals (Sand) will be carried out in an area of 24.28 Hectare from the bed of river Satluj in the revenue estate of village Boont, Tehsil Ludhiana (E) District Ludhiana, Punjab in H.B. no. 63 bearing Khasra nos 5//11, 19, 20, 6//13, 14, 15, 16, 17, 18, 23, 24, 7/ /18, 19, 20, 21, 22, 23, 10//6, 14, 15, 16, 17, 11// 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12//1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 15, 13//1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14//1, 2, 3, 4, 5.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 10.56 KLD out of which 10.17 KLD will be used for domestic purpose and remaining 0.396 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 5,12,60,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

- 7) Rs. 10,25,200 will be utilized for following activities under Corporate Social Responsibility.
- Regular health check-up camps for the workers engaged in mines shall be organized.
 - Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - Common vocational training centre shall be setup at district level.
 - Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no.5-19 PFR – Page No. 20-36
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report Page No. 90-111
3.	Mining Plan duly approved by the State Geologist	Complied with the report Page No. 39-88
4.	NOC from concerned DFO regarding forest land	Complied with the report, page No. 112-113
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 112-113
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached with the report Page No. 38 & 89
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with the EIA report page No. 121
9.	Final District Survey Report for minor mineral,	Attached as Enclosure

	which should be the basis of application for EC, preparation of reports and appraisal of projects.	– I & II with EDS Reply
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 122
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 69-83
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 69-83
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 69-83
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 69-83
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total Capital Cost for EMP in 5 Year- Rs 11,65,000 Recurring cost per Year for EMP- Rs 2,33,000

f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.120
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.120
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure VI
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.06 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Chakli Kasab, Tehsil Samrala District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana .(Proposal No. SIA/PB/MIN/60702/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Chakli Kasab, Tehsil Samrala District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 3,58,668 TPA of mining of minor minerals (Sand) will be carried out in an area of 8.20 Hectare from the bed of river Satluj in the revenue estate of village Chakli Kasab, Tehsil Samrala District Ludhiana, Punjab in H.B. no. 450 bearing Khasra nos 8//5/2, 5/3/16/2, 17/2, 18/2, 24, 25, 9//1, 15//22, 23, 16//8, 9, 10, 11/1, 17//4, 5/2, 7, 20//1, 2, 3/1, 3/2, 8/2, 9, 10, 11, 12.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 4.31 KLD out of which 3.51 KLD will be used for domestic purpose and remaining 0.810 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,78,60,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

7) Rs. 3,57,200 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Common vocational training centre shall be setup at district level.
- iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 5-19 PFR – Page No. 20-36
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 92-99
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 39-91
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 100-101
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 100-101
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 38 & 91 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.104
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC,	Attached as Enclosure – II with EDS Reply

	preparation of reports and appraisal of projects.	
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 106
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 71-85
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 71-85
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No 71-85
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 71-85
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,95,000 Recurring cost per year for EMP- Rs 1,39,000
f)	Name of the individual persons / organization,	Project proponent shall be

	who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.103
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.103
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as enclosure – VI with EDS Reply.
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.07 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bounkar Gujran, Tehsil Ludhiana (E) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/61265/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bounkar Gujran, Tehsil Ludhiana (E) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 3,61,800 TPA of mining of minor minerals (Sand) will be carried out in an area of 7.5 Hectare from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bounkar Gujran, Tehsil Ludhiana (E) District Ludhiana, Punjab in H.B. no. 39 bearing Khasra nos 6//19, 20, 21, 22, 23, 7//16, 14//4, 5, 17//1, 23/ 1, 24/1, 22/2, 23/2, 24/2, 15//1, 2, 3, 4/1, 9, 10, 12, 13.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 3.71 KLD out of which 2.83 KLD will be used for domestic purpose and remaining 0.88 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,56,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

7) Rs. 3,12,200 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Insurance cover to all workers engaged in mines shall be provided.
- iv. Common vocational training centre shall be setup at district level.
- v. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 5-19 PFR – Page No. 20-35
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 84-93
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 38-81
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 94-95
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 94-95
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 37 & 83 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – I with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.100
9.	Final District Survey Report for minor mineral,	Attached as Enclosure

	which should be the basis of application for EC, preparation of reports and appraisal of projects.	– II with EDS Reply
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 101
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 66-79
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 66-79
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 66-79
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 66-79
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,57,500 Recurring cost per year for EMP- Rs 1,31,500

f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.99
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.99
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – IV with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.08 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Balliewal, Tehsil Ludhiana (E) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60627/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 05.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Balliewal, Tehsil Ludhiana (E) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 5,38,439 TPA of mining of minor minerals (Sand) will be carried out in an area of 16.20 Hectare from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Balliewal, Tehsil Ludhiana (E) District Ludhiana, Punjab in H.B. no. 17 bearing Khasra nos 8//1, 40//2, 15, 16, 24/2, 25/2, 29/2, 51// 4/1/2, 5, 53//18, 19, 22, 23, 24, 56//16/2, 17/ 1, 18/2/2, 24, 25, 57//21/1, 60//4, 5/1, 62//3 /2/2, 8, 9, 10, 11, 11/2, 12, 18/2, 19, 20, 21, 22, 2 3, 63//2, 3, 4, 5, 6/1, 6/2, 7, 8, 9, 14/2, 15/1, 15/ 3, 18, 24/2, 25, 64//4, 6, 7, 65//1, 2, 3, 9, 10, 11, 12, 67//14/1, 17/1, 18/1, 23/3.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 6.45 KLD out of which 5.17 KLD will be used for domestic purpose and remaining 1.28 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 2,62,35,000.

- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 5,24,700 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Insurance cover to all workers engaged in mines shall be provided.
 - iv. Common vocational training centre shall be setup at district level.
 - v. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 6-19 PFR – Page No. 20-35
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 88-97
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 38-87
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 98-99
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 98-99
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached as Enclosure-V with EDS reply Page no. 37 in the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical	Attached as Enclosure – VI with EDS Reply

	features.	
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached as Enclosure – VII with EDS reply
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure I & II with EDS Reply
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Undertaking letter already attached with report Page No. 109
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 68-82
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 68-82
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 68-82
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 68-82

d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 8,37,500 Recurring cost per year for EMP- Rs 1,67,500
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.106-107
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.106-107
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Annexure –VIII
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.09 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Kutbawal Arian, Tehsil Ludhiana (W) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60823/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 05.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Kutbawal Arian, Tehsil Ludhiana (W) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 4,42,649 TPA of mining of minor minerals (Sand) will be carried out in an area of 10.12 Hectare from the bed of river Satluj in the revenue estate of village Kutbawal Arian, Tehsil Ludhiana (W) District Ludhiana, Punjab in H.B. no. 92 bearing Khasra nos 1//6, 7, 13, 14, 15, 16, 17, 18, 22, 23, 24, 25, 2//8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 3//1, 2, 3, 4, 7/1.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 6.52 KLD out of which 4.23 KLD will be used for domestic purpose and remaining 2.29 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 2,15,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

7) Rs. 4,30,200 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Common vocational training centre shall be setup at district level.
- iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I –page No. 5-20 PFR – Page No.21-37
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report Page No.90
3.	Mining Plan duly approved by the State Geologist	Complied with the report Page No. 40-89
4.	NOC from concerned DFO regarding forest land	Complied with the report Page No. 91-92
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project Page No. 91-92
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached with report Page No. 38 in the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No. 97
9.	Final District Survey Report for minor mineral,	Attached as Enclosure-I & II

	which should be the basis of application for EC, preparation of reports and appraisal of projects.	with EDS reply.
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 98
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-III with EDS reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 40-89
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 40-89
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 40-89
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 40-89
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	<p>Total capital cost for EMP in 5 year- Rs7,85,000</p> <p>Recurring cost per year for EMP- Rs 1,57,000</p>

f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No. 96
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No. 96
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure—VI with EDS reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.10 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Baghian, Tehsil Jagraon District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/61164/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 04.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of Village Baghian, Tehsil Jagraon District Ludhiana. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 2,39,258 TPA of mining of minor minerals (Sand) will be carried out in an area of 5.47 Hectare from the bed of river Satluj in the revenue estate of village Baghian, Tehsil Jagraon District Ludhiana in H.B. no. 177 bearing Khasra nos 65//10(8-0), 12(8-0), 13(8-0), 7(8-0), 9min (4-0), 14(8-0), 66//9(8-0), 10(8-0), 12(8-0), 13(8-0), 14(8-0), 15(8-0), 16(8-0).
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 6.25 KLD out of which 3.06 KLD will be used for domestic purpose and remaining 3.19 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,56,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 3,12,200 will be utilized for following activities under Corporate Social Responsibility.

- i. Regular health check-up camps for the workers engaged in mines shall be organized.
- ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- iii. Common vocational training centre shall be setup at district level.
- iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied
3.	Mining Plan duly approved by the State Geologist	Complied
4.	NOC from concerned DFO regarding forest land	Complied
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached as Annexure-I
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Annexure-II
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached as Annexure-III
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Annexure-IV
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been	Mining officer letter already attached with report

	<p>submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Annexure-V
12.	Environmental Management Plan indicating the following:	
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 8,47,500 Recurring cost per year for EMP- Rs 1,69,500
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much	Details given in Mining officer letter attached with the Report

	is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Annexure-VI
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.11 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Akkuwal, Tehsil Jagraon District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60643/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 04.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Akkuwal, Tehsil Jagraon District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 9,03,231 TPA of mining of minor minerals (Sand) will be carried out in an area of 20.65 Hectare from the bed of river Satluj in the revenue estate of village Akkuwal, Tehsil Jagraon District Ludhiana, Punjab in H.B. no. 186 bearing Khasra nos 3//13min, 14min, 15min, 16min, 17min, 18min, 23min, 24min, 25min, 4//16, 17, 18min, 19, 20, 21min, 22min, 23min, 24min, 25min, 5//19, 20, 21, 22, 10//1, 2, 3/1, 8, 9, 10, 11, 12/1, 12/2, 13, 19/2, 20/1, 22/1, 11//1min, 2min, 3, 4, 5, 6, 7, 8, 9min, 10min, 11, 12min, 13, 14, 17min, 18, 21min, 24, 17//2min, 3min.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 10.16 KLD out of which 8.55 KLD will be used for domestic purpose and remaining 1.61 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 4,31,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.

- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 8,62,200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form –I Page No. 3-19 PFR – Page No. 20-37
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report Page No. 88-97
3.	Mining Plan duly approved by the State Geologist	Complied with the report Page No. 38-87
4.	NOC from concerned DFO regarding forest land	Complied with the report Page No. 95-106
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project Page No.107-108
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached as Enclosure-V with EDS reply Page No. 40 in the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure-VI with EDS reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that	Attached as Enclosure-VI with EDS reply

	minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure-I & II with EDS reply
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Undertaking letter already attached with report Page No. 113
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-III with EDS reply
12.	Environmental Management Plan indicating the following:	Attached as EIA report Page No. 42-94
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 42-94
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 42-94
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 42-94
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.

d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 8,47,500 Recurring cost per year for EMP- Rs 1,69,500
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No. 109-111
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No. 109-111
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Annexure-VIII
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.12 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Kanian Hussaini, Tehsil Jagraon District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60821/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 07.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Satluj in the revenue estate of village Kanian Hussaini, Tehsil Jagraon District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 3,63,042 TPA of mining of minor minerals (Sand) will be carried out in an area of 8.30 Hectare from the bed of river Satluj in the revenue estate of village Kanian Hussaini, Tehsil Jagraon District Ludhiana, Punjab in H.B. no. 180 bearing Khasra nos 39//6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22min, 23min, 24min, 25, 40//6, 7, 8, 9, 10, 11, 12, 13, 14, 15min, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 41//6, 7, 8, 13, 1, 4, 15, 16, 17, 18, 23, 24, 25.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 4.8 KLD out of which 3.51 KLD will be used for domestic purpose and remaining 1.29 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,78,60,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

- 7) Rs. 3,57,200 will be utilized for following activities under Corporate Social Responsibility.
- Regular health check-up camps for the workers engaged in mines shall be organized.
 - Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - Common vocational training centre shall be setup at district level.
 - Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 5-19 PFR – Page No. 20-36
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 90-104
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 39-89
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 105-106
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 105-106
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 38 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.113
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC,	Attached as Enclosure – I & II with EDS Reply

	preparation of reports and appraisal of projects.	
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 114
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 72-87
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 72-87
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 72-87
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 72-87
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,95,000 Recurring cost per year for EMP- Rs 1,39,000
f)	Name of the individual persons / organization,	Project proponent shall be

	who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.112
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No. 112
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – VI with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.13 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Ratangarh, Tehsil Ludhiana (E) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60844/2016)The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 07.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Ratangarh, Tehsil Ludhiana (E) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 5,52,436 TPA of mining of minor minerals (Sand) will be carried out in an area of 13.76 from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Ratangarh, Tehsil Ludhiana (E) District Ludhiana, Punjab in H.B. no. 19 bearing Khasra nos 6//24, 25, 7//19/2, 20, 21, 22, 17//1, 2, 7/1, 8/1, 9, 10, 12/1, 23/1/2, 18//5/1, 5/2, 6/1, 20//3/1, 3/2, 8/1, 8/2, 9, 10, 30//23, 31//24, 34//4, 5, 6, 7, 8, 13, 14, 15, 16, 35//1, 2, 9, 10, 11, 12, 13, 14, 17/2, 18, 19, 20.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 5.83 KLD out of which 5.35 KLD will be used for domestic purpose and remaining 0.48 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 2,71,35,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.

- 7) Rs. 5,42,700 will be utilized for following activities under Corporate Social Responsibility.
- Regular health check-up camps for the workers engaged in mines shall be organized.
 - Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - Insurance cover to all workers engaged in mines shall be provided.
 - Common vocational training centre shall be setup at district level.
 - Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no.1-16 PFR – Page No. 17-32
2.	Proof of ownership of land such as copy of latest Jamabandi	Complied with the EIA report Page No. 81-99
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 35-80
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 100-101
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 100-101
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 34 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS Reply
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.103
9.	Final District Survey Report for minor mineral,	Attached as Enclosure

	which should be the basis of application for EC, preparation of reports and appraisal of projects.	– I & II with EDS Reply
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report Page No. 104
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 64-80
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 64-80
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 64-80
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 64-80
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 8,47,500 Recurring cost per year for EMP- Rs 1,69,500

f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.102
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.102
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – VI with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.14 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bukhri Khurd, Tehsil Ludhiana (E) District Ludhiana, Punjab of General Manager cum Mining Officer, District Industries Centre, Ludhiana.(Proposal No. SIA/PB/MIN/60700/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Ludhiana vide online application dated 08.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bukhri Khurd, Tehsil Ludhiana (E) District Ludhiana, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 7,58,452 TPA of mining of minor minerals (Sand) will be carried out in an area of 22.66 Hectare from the off river bed (Paleochannel of river Satluj) in the revenue estate of village Bukhri Khurd, Tehsil Ludhiana (E) District Ludhiana, Punjab in H.B. no. 185 bearing Khasra nos 1//16, 17, 18, 23, 24, 25, 3//3, 4, 5, 6, 7, 13, 14, 15/16, 17, 18, 23/1, 23/2, 24/1, 24/2, 25, 100, 108, 8//6/2, 15/2, 16, 18, 23, 24, 25, 9//1/2, 2/2, 2/3/3, 3/1, 3/2, 4, 5, 6/1, 7/1/1, 8/1, 9/1/1/1, 1/2/1, 9/2, 10, 11, 12/1, 19/2, 20, 21, 22/1, 10//1, 10, 11//21, 12//12/2/3/2, 17/1, 13//2/2, 17//2, 18, 19/1, 22/2, 23, 24, 25/2, 17//14/2, 15/2, 16, 25, 18//5/2, 19/1/1, 4, 5, 5, 6, 7/1, 14/2, 15/1, 15/2, 16, 17/1, 20//1, 10, 11/1, 11/2, 20, 22//11, 20, 21, 23//8, 13/1, 13/2, 18, 23/1, 322//16/2, 17/1, 24/2, 25/1, 35//4/2, 5/1, 6/2, 7/1, 14/2, 17/1.
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 12.38 KLD out of which 9.0 KLD will be used for domestic purpose and remaining 3.38 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 4,53,60,000.

- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 9,07,200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Insurance cover to all workers engaged in mines shall be provided.
 - iv. Common vocational training centre shall be setup at district level.
 - v. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report Form I -page no. 1-17 PFR – Page No. 18-34
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the EIA report Page No. 101-108
3.	Mining Plan duly approved by the State Geologist	Complied with the EIA report Page No. 39-90
4.	NOC from concerned DFO regarding forest land	Complied with the EIA report, page No. 91-92
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project, page No. 91-92
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached Page No. 37 in the EIA report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached as Enclosure – V with EDS Reply

8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with EIA report Page No.109
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure –I & II with EDS Reply
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Undertaking letter already attached with report Page No. 110
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure – III with EDS Reply
12.	Environmental Management Plan indicating the following:	Attached with EIA report Page No. 69-85
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report Page No. 69-85
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report Page No. 69-85
c)	Compliance of various environmental regulations.	Complied in EMP Report Page No. 69-85
d)	Steps to be taken in case of emergency such as	Not applicable

	accidents at the site including fire.	
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 10,50,000 Recurring cost per year for EMP- Rs 2,10,000
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report Page No.102
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report Page No.99-100
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure – VI with EDS Reply
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.15 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand & Gravel) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Muthi, Tehsil & District Pathankot, Punjab of General Manager cum Mining Officer, District Industries Centre, Pathankot.(Proposal No. SIA/PB/MIN/60093/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Pathankot vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Muthi, Tehsil & District Pathankot, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 6,94,918 TPA of mining of minor minerals (Sand & Gravel) will be carried out in an area of 12.71 Hectare from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Muthi, Tehsil & District Pathankot, Punjab in H.B. no. 33 bearing Khasra nos 2R//13(0-17), 16(3-18), 17(4-9), 18(8-0), 22(1-0) 23/1(5-0), 23/2(3-0), 24(8-0), 6//1(4-4), 2(4-0), 3/1(6-2), 3/2(1-18), 4(8-0), 7(5-0), 8/1(6-12), 8/2(1-8), 9(8-0), 11(4-0), 6//12(8-0), 13(8-0), 14(8-0), 17(8-0), 18(8-0), 19(8-0), 20(7-4), 21(7-4), 22(8-0), 23(8-0), 24(8-0), 25(8-0), 9//2(7-2), 3(4-2), 4(4-2), 6(3-2), 8(8-0), 9(8-0), 10(8-0), 11(8-0), 12(8-0), 13(8-0), 14(8-0), 16(4-0), 18(8-0)19(8-0), 20(8-0), 21(8-0), 22(8-0), 23(8-0).
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 10.52 KLD out of which 6.75 KLD will be used for domestic purpose and remaining 3.77 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 3,41,10,000.

- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 6,82,200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied
3.	Mining Plan duly approved by the State Geologist	Complied
4.	NOC from concerned DFO regarding forest land	Complied
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project.
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached with the Report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached with the Report
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that	Attached with the Report

	minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Complied with EDS reply as Enclosure-I
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Mining officer letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and	Total capital cost for EMP in 5

	the details of funds for the same.	year- Rs 9,25,000 Recurring cost per year for EMP- Rs 1,85,000
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.16 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand & Gravel) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Sarota, Tehsil & District Pathankot, Punjab of General Manager cum Mining Officer, District Industries Centre, Pathankot.(Proposal No. SIA/PB/MIN/60099/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Pathankot vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Sarota, Tehsil & District Pathankot, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 4,90,982 TPA of mining of minor minerals (Sand & Gravel) will be carried out in an area of 8.98 Hectare from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Sarota, Tehsil & District Pathankot, Punjab in H.B. no. 34 bearing Khasra nos 3//25(7-3), 12//25(5-0), 13//1/1(5-8), 1/2(2-4), 2/1(5-11), 2/2(2-9), 3(8-0), 4(8-0), 5(8-0), 6(8-0), 8/1(5-16), 8/2(2-4), 9/1(5-11), 9/2(2-9), 10/1(5-6), 10/2(2-6), 13//11(3-12), 12(8-0), 13(8-0), 19(8-0), 18(8-0), 20(8-0), 21(8-0), 22(8-0), 16//1(8-0), 2(8-0), 3/1(5-18), 3/2(2-2), 8(8-0), 9(8-0), 10(8-0), 11(4-0), 12(3-0), 13(7-4), 14(9-11)).
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 7.06 KLD out of which 4.68 KLD will be used for domestic purpose and remaining 2.38 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 2,37,10,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.

- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 4,74,200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied
3.	Mining Plan duly approved by the State Geologist	Complied
4.	NOC from concerned DFO regarding forest land	Complied
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached with the Report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached with the Report
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Attached with the Report
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC,	Complied with EDS Reply as Enclosure-I

	preparation of reports and appraisal of projects.	
10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Mining officer letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 7,60,000 Recurring cost per year for EMP- Rs 1,52,000
f)	Name of the individual persons / organization, who will be responsible for implementation of	Project proponent shall be responsible for implementation

	EMP after the lapse of the period for which the project proponent is responsible.	of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.17 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand & Gravel) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Samrala, Tehsil & District Pathankot, Punjab of General Manager cum Mining Officer, District Industries Centre, Pathankot.(Proposal No. SIA/PB/MIN/60101/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Pathankot vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Samrala, Tehsil & District Pathankot, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 6,44,072 TPA of mining of minor minerals (Sand & Gravel) will be carried out in an area of 11.78 Hectare from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Samrala, Tehsil & District Pathankot, Punjab in H.B. no. 15 bearing Khasra nos 9//6/1(0-15), 13(8-0), 14(7-18), 15(1-2), 16(5-7), 17/1 (1-18), 17/2(4-18), 18/1(4-0), 23(7-18), 24/1(1-3), 24/2 (5-18), 25(7-11), 10//1/1(1-17), 1/2 (5-4), 2(8-0), 9(5-4)10(5-0), 12(4-12), 18/2(2-0), 19(7-16), 21(7-11), 26(32-14), 15//3(7-4), 4(8-0), 7(8-0), 8(7-4), 13(7-4), 14 (8-0), 17(8-0), 18(7-4), 19/1(2-0), 22(7-0), 23(7-4), 24/1 (2-0), 22//3(6-8), 4(8-0), 7/1(6-0), 8(7-4), 9(8-0), 11(8-0), 12(8-0), 13(7-4), 18/1(6-0), 19/1(2-0).
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 8.02 KLD out of which 6.30 KLD will be used for domestic purpose and remaining 1.72 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 3, 18, 60, 000.

- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 6, 37, 200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
- 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied
3.	Mining Plan duly approved by the State Geologist	Complied
4.	NOC from concerned DFO regarding forest land	Complied
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Attached with the Report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Attached with the Report
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that	Attached with the Report

	minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Complied with EDS Reply as Enclosure-I
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Mining officer letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and	Total capital cost for EMP in 5

	the details of funds for the same.	year- Rs 9,00,000 Recurring cost per year for EMP- Rs 1,80,000
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.18 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Raji Beli, Tehsil Dinanagar, District Gurdaspur, Punjab of General Manager cum Mining Officer, District Industries Centre, Gurdaspur.(Proposal No. SIA/PB/MIN/59087/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Gurdaspur vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Raji Beli, Tehsil Dinanagar, District Gurdaspur, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 6,36,502 TPA of mining of minor minerals (Sand & Gravel) will be carried out in an area of 14.5 Hectare or 349 Kanal 4 Marla from the bed of river Ravi in the revenue estate of village Raji Beli, Tehsil Dinanagar, District Gurdaspur, Punjab in H.B. no. 13 consist of five blocks having details of Khasra no. as under:
 - a) Block I 2//12/3 (1-16), 18/4(0-9) (Area: 1Kanal 25 marla or 0.094 Ha)
 - b) Block II 6//5(5-10), 5//1/1 (2-18) (Area: 7Kanal 8 marla or 0.309 Ha)
 - c) Block III 5//4/1 (6-4) (Area: 6Kanal 4marla or 0.259Ha)
 - d) Block IV 7//5/1(4-4), 6(8-0), 16(8-0), 25/1(5-16), 25/2(0-0), 15(8-0), 5//21/1(3-8), 7//5/2(3-16), 8//1/1(3-12), 10/3(3-12), 11(7-9), 20(8-0), 21(8-0), 9//1(8-0), 10(5-2), 10//5(0-6), 6(0-9), 8//14(8-0), 6//15/2(6-0), 16/1(7-16), 17/2(7-2), 18(7-12), 23(5-11), 24(7-11), 25(7-11)2//19/1(3-8), 22/2(3-8), 23(8-0), 3/1(7-5), 7/3(6-4), 8/1(4-0), 12(5-16), 19(8-0), 20/2(6-9), 5//3/2(0-16), 8/2(4-0), 21/2(4-0), 22(8-0), 8//1/2(0-16), 1/3(0-8), 1/4(2-16), 2(8-0), 9(8-0), 10/1(1-8), 10/2(2-12), 8//12/3(0-4), 18/2(5-4), 22(8-0), 23/1(5-4), 9//2(8-0), 9(3-13), 5//13(7-6)(Area: 245kanal 310marla or 10.89ha)

- e) Block V 8//5/2 (2-17), 14(8-0), 15(6-14), 5//14/3 (4-4), 15/1(2-8), 16/4(2-8), 17(5-16), 25/1(0-11), 8//8(8-0), 6(7-2), 7/1(3-16), 13(8-0), 7/2(3-1), 18/2(5-4), 5//14/1 (2-0), 8//14(8-0), 5//14/2 (1-16), 8//7/2 (3-1) (Area: 66kanal 117marla or 3.0 ha)
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
 - 3) Total amount of water required for the project will be 12 KLD out of which 6 KLD will be used for domestic purpose and remaining 6.03 KLD for dust suppression. water will be supplied through tankers from nearby available source.
 - 4) The total cost of project will be Rs. 3, 04, 60, 000.
 - 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
 - 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
 - 7) Rs. 6,09,200 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.
 - 8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report
3.	Mining Plan duly approved by the State Geologist	Complied with the report
4.	NOC from concerned DFO regarding forest land	Complied with the report

5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Complied with the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Complied with the report
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Complied with the report
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure-I EDS reply
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Undertaking letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	Attached with EIA report

a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 8,35,000 Recurring cost per year for EMP- Rs 1,67,000
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.19 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Gurchak, Tehsil Dera Baba Nanak, District Gurdaspur, Punjab of General Manager cum Mining Officer, District Industries Centre, Gurdaspur.(Proposal No. SIA/PB/MIN/58917/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Gurdaspur vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Gurchak, Tehsil Dera Baba Nanak, District Gurdaspur, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

- 1) About 2,96,994 TPA of mining of minor minerals (Sand) will be carried out in an area of 6.79 Hectare or 156 Kanal 219 Marla from the bed of river Ravi in the revenue estate of village Gurchak, Tehsil Dera Baba Nanak, District Gurdaspur, Punjab in H.B. no. 492 bearing Khasra no. 1R/25(4-12), 7R/3(4-7), 4(7-9), 5/1(1-8), 5/2(1-12), 5/3(5-0), 6(8-0), 7(8-0), 8(7-12), 9(8-13), 10(4-18), 11(8-0), 12(8-0), 13(6-19), 14(7-07), 15(7-19), 16(6-16), 17/1(4-0), 17/2(4-0), 18(8-0), 19/1(5-0), 19/2(1-12), 19/3(0-16), 8R/14(5-16), 15(9-11), 16(8-0), 17(8-0), 18(5-0).
- 2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.
- 3) Total amount of water required for the project will be 6.83 KLD out of which 2.83 KLD will be used for domestic purpose and remaining 4.0 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,44,85,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.

- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 2,89,700 will be utilized for following activities under Corporate Social Responsibility.
- Regular health check-up camps for the workers engaged in mines shall be organized.
 - Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - Common vocational training centre shall be setup at district level.
 - Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report
3.	Mining Plan duly approved by the State Geologist	Complied with the report
4.	NOC from concerned DFO regarding forest land	Complied with the report
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Complied with the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Complied with the report
8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Complied with the report
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure-I EDS reply

10.	<p>An undertaking to the effect that:</p> <p>(i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC.</p> <p>(ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately.</p> <p>(iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved.</p> <p>(iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.</p>	Undertaking letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	Attached with EIA report
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable
e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,57,500 Recurring cost per year for EMP- Rs 1,31,500
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the	Project proponent shall be responsible for implementation of EMP till the

	project proponent is responsible.	validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No:157.20 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Beas in the revenue estate of village Bhaini Paswal, Tehsil & District Gurdaspur, Punjab of General Manager cum Mining Officer, District Industries Centre, Gurdaspur. (Proposal No. SIA/PB/MIN/58918/2016)

The facts of the case are as under:

The General Manager cum Mining Officer, District Industries Centre, Gurdaspur vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Beas in the revenue estate of village Bhaini Paswal, Tehsil & District Gurdaspur, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification. The details of the project are as under:

1) About 2,94,370 TPA of mining of minor minerals (Sand) will be carried out in an area of 6.73 Hectare or 161 Kanal 02 Marla from the bed of river Beas in the revenue estate of village Bhaini Paswal, Tehsil & District Gurdaspur, Punjab in H.B. no. 594 consist of 03 Blocks having Khasra no. detail as under:

a) Block I: 70R//4(2-2), 7(8-0), 14/1(4-0), 17/2(4-0),14/2(4-0), 17/1(4-0), 24/1(4-0),73R/4/1(4-0), 7/1(4-0), 14/1(4-0), 17/1(4-0), 24/2(4-0),87R//4/1(4-0), 4/2(4-0), 7(8-0), 14/1(5-0), 14/2(3-0), 17/12(4-0), 17/2(3-0), 24(8-0), 90R//4/1(4-0), 4/2(4-0) Area: 97kanal 2Marla(4.06 Ha)

b) Block II: 90R//6/1(4-0), 6/2(4-0), 15(8-0), 16(8-0)
Area: 24 Kanal (1.0 Ha)

c) Block III: 100R//5(8-0),6(8-0),15(8-0),16(8-0),25(8-0)
Area: 40 Kanal (1.67 Ha)

2) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.

- 3) Total amount of water required for the project will be 6.13 KLD out of which 2.83 KLD will be used for domestic purpose and remaining 3.3 KLD for dust suppression. water will be supplied through tankers from nearby available source.
- 4) The total cost of project will be Rs. 1,44,85,000.
- 5) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.
- 6) The existing roads will be utilized for the transport of sand from mine site to market. However, the haul roads will be repaired & maintained regularly.
- 7) Rs. 2,89,700 will be utilized for following activities under Corporate Social Responsibility.
 - i. Regular health check-up camps for the workers engaged in mines shall be organized.
 - ii. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 - iii. Common vocational training centre shall be setup at district level.
 - iv. Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc. shall be considered positively.

8) Status of documents submitted viz-a-viz required as per the check list is as under:

Sr. No.	Documents required as per the check list	Checklist submitted by the Project proponent
1.	Properly filled Form-1 and pre-feasibility report	Submitted with EIA report
2.	Proof of ownership of land such as copy of latest jamabandi	Complied with the report
3.	Mining Plan duly approved by the State Geologist	Complied with the report
4.	NOC from concerned DFO regarding forest land	Complied with the report
5.	Exact distance of proposed mining site from nearest Wildlife Sanctuary and in case site falls within 10 kms radius of Wildlife Sanctuary, a copy of acknowledgement along with complete set of application submitted online for obtaining NBWL permission be submitted.	DFO letter is attached in report stated that there is no Wildlife Sanctuary exists within 10 kms radius from the periphery of the proposed project
6.	Status of mining at the site, if any, along with photographs from all the four sides.	Complied with the report
7.	500 meter radius map of the area from periphery of project site clearly indicating the physical features.	Complied with the report

8.	Mining lay out plan showing key distances of the mining site from the various features such river bank, active channels, bundh and other structures in the vicinity, if any, drawn on portion of 'Aks Sajra' of the mining site, so as to ensure that minimum statutory distances are maintained. The route map to be followed should also be marked on the layout plan.	Complied with the report
9.	Final District Survey Report for minor mineral, which should be the basis of application for EC, preparation of reports and appraisal of projects.	Attached as Enclosure-I EDS reply
10.	An undertaking to the effect that: (i) No other mining site falls within a radius of 500 m from the periphery of proposed site to whom either environmental clearance has already been granted by SEIAA or MoEF or application has been submitted for obtaining environmental clearance with SEIAA/DEIAA/ MoEF&CC. (ii) In case any new mining site comes at any stage in future within a radius of 500 m of the above said site, the same will be informed to the SEIAA/DEIAA/MoEF&CC, immediately. (iii) Mining site is not located in stream as per the actual layout plan enclosed herewith and no in stream mining is involved. (iv) Mining will be carried out by manual opencast method by hand tools without use of drilling, blasting and JCB or any other mechanized means. All the stipulations provided in the OM dated 24.12.2013 issued by Ministry of Environment, Forests & Climate Change will be complied with in true letter & spirit.	Undertaking letter already attached with report
11.	The declaration about Environmental Consultant engaged and who have prepared EIA/EMP report needs to be made. The Consultant has to be NABET approved as per MoEF&CC notification dated 03.03.2016 and necessary proof in this regard is required to be attached.	Attached as Enclosure-II
12.	Environmental Management Plan indicating the following:	Attached with EIA report
a)	Plan to follow the sustainable sand and gravel mining guidelines, 2016 issued by MoEF&CC.	Complied in EMP Report
b)	All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.	Complied in EMP Report
c)	Compliance of various environmental regulations.	Complied in EMP Report
d)	Steps to be taken in case of emergency such as accidents at the site including fire.	Not applicable

e)	For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	Project proponent shall be responsible for implementation of EMP till the validity of EC.
d)	Capital & recurring cost for the EMP per year and the details of funds for the same.	Total capital cost for EMP in 5 year- Rs 6,57,500 Recurring cost per year for EMP- Rs 1,31,500
f)	Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	Project proponent shall be responsible for implementation of EMP till the validity of EC
13.	Whether the periphery of any other area of borrowing / excavation falls Within a radius of 500m from the periphery of this area borrowing/excavation or not? If yes, how much is the total area of all such Borrowing/ excavation sites? The project proponent shall submit an undertaking to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.	Details given in Mining officer letter attached with the Report
14.	Mining sites located more than 1 km apart are to be considered as different block/cluster and are required to obtain separate environmental clearance under EIA notification dated 14.09.2006.	Mining officer letter attached with the report
15.	Complete transportation plan giving detailed procedure to be followed as per requirements of appendix-XII of the MoEF&CC notification dated 15.01.2016.	Integrated Mining and Minerals Management System (I3MS software) is under process to implement soon by Govt. of Punjab. To stop illegal mining attached as Enclosure-III
16.	Status verification with regard to legal notice received/court case pending, if any.	Not applicable

The case is placed before SEAC for consideration

Item No.157.21:Compliance of the Judgement passed by the Hon'ble National Green Tribunal in the matter of OA 199 of 2014 titled as Almitra H Patel Vs. Union of India and Ors.

The facts of the matter are as under:

The Member Secretary, Punjab Pollution Control Board, Head office, Patiala vide endorsement no. 5261 dated 27/12/2016 has informed that Hon'ble National Green Tribunal has passed the judgement on 22.12.2016 in the matter of OA 199 of 2014 titled as Almitra H Patel Vs. Union of India and Ors. and send a copy of the directions for the compliance. In the petition, the petitioner/applicant sought orders and directions for urgently taking steps to improve the practices presently adopted for collection, storage, transportation, disposal, treatment and recycling of Municipal Solid Waste (for short, "MSW") popularly known as "garbage" generated in various cities across India. The SEIAA/SEAC was not impleaded party in the said case. However, copy of the judgement downloaded from the website of Hon'ble NGT is annexed as Annexure-VIII of the agenda.

Further, the direction no. 22 of judgement in the matter of OA 199 of 2014 (Annexure-VIII of agenda) stated that the directions contained in the judgment of the Tribunal in the case of 'Kudrat Sandhu Vs. Govt. of NCT & Ors', O.A. No. 281 of 2016, shall mutatis mutandis apply to the judgment and consequently to all the stakeholders all over the country. The copy of the judgement downloaded from the website of Hon'ble NGT in the case of 'Kudrat Sandhu Vs. Govt. of NCT & Ors', O.A. No. 281 of 2016 is annexed as Annexure-IX of the agenda.

The case was considered by the SEIAA in its 119th meeting held on 04.01.2017 and observed that the Hon'ble NGT has passed the judgement on 22.12.2016 in the matter of OA 199 of 2014 titled as Almitra H Patel Vs. Union of India and Ors., wherein certain directions have been issued for urgently taking steps to improve the practices presently adopted for collection, storage, transportation, disposal, treatment and recycling of Municipal Solid Waste. The SEIAA has not been impleaded as a party in the case and no direction has been issued by the Hon'ble NGT on which any specific action is required to be taken by SEIAA. However, direction Nos 1 & 16 and certain other directions can be added as condition to imposed at the time of grant of

Environment Clearance but before that, are required to be technically evaluated by SEAC.

After detailed deliberations, SEIAA decided that matter be referred to SEAC for examining the orders and making recommendations.

The matter is placed before SEAC for consideration.

S.O. 141(E) [15-01-2016] : Amendment in EIA notification 2006 with respect to mining of minor minerals including sand mining and others

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THE GAZETTE OF INDIA : EXTRAORDINARY

[PART II—SEC. 3(ii)]

10. का.आ. 562(अ) तारीख 26 फरवरी 2014;
11. का.आ. 637(अ) तारीख 28 फरवरी 2014;
12. का.आ. 1599(अ) तारीख 25 जून 2014;
13. का.आ. 2601(अ) तारीख 7 अक्टूबर 2014;
14. का.आ. 2600(अ) तारीख 9 अक्टूबर 2014
15. का.आ. 3252(अ) तारीख 22 दिसम्बर 2014;
16. का.आ. 382(अ) तारीख 3 फरवरी, 2015;
17. का.आ. 811(अ) तारीख 23 मार्च, 2015;
18. का.आ. 996(अ) तारीख 10 अप्रैल 2015;
19. का.आ. 1142(अ) तारीख 17 अप्रैल 2015;
20. का.आ. 1141(अ) तारीख 29 अप्रैल 2015;
21. का.आ. 1834(अ) तारीख 6 जुलाई 2015;

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 15th January, 2016

S.O. 141(E).—Whereas in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), a draft notification for making certain amendments in the Environment Impact Assessment Notification, 2006, issued *vide* number S.O. 1533(E), dated the 14th September 2006, was published under sub-rule (3) of rule (5) of the Environment (Protection) Rules, 1986, *vide* number S.O. 2588(E), dated 22nd September, 2015, inviting objections and suggestions from all persons likely to be affected thereby, within a period of sixty days from the date of publication on which copies of Gazette containing the said notification were available to the public;

And whereas, copies of said notification were made available to the public on 22nd September 2015;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

And whereas, in pursuance to the order of Hon'ble Supreme Court dated the 27th February, 2012 in I.A. No.12-13 of 2011 in Special Leave Petition (C) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals irrespective of the area of mining lease;

And whereas, as a result of the above said Order of Hon'ble Supreme Court, the number of cases which are now required to obtain prior environmental clearance has increased substantially;

And whereas, the Hon'ble National Green Tribunal, *vide* its order dated the 13th January, 2015 in the matter regarding sand mining has directed for making a policy on environmental clearance for mining leases in cluster for minor minerals;

And whereas, the State Governments have represented for streamlining the process of environmental clearance for mining of minor mineral;

And whereas, the Ministry of Environment, Forest and Climate Change in consultation with State Governments has prepared Guidelines on Sustainable Sand Mining detailing the provisions on environmental clearance for cluster, creation of District Environment Impact Assessment Authority and proper monitoring of sand mining using information technology and information technology enabled services to track the mined out material from source to destination;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following amendments in the said notification, namely:-

In the said notification,-

(a) in paragraph 2, after the words "in the said Schedule", the following words shall be inserted, namely:-
"and at District level, the District Environment Impact Assessment Authority (DEIAA) for matters falling under Category 'B2' for mining of minor minerals in the said Schedule";

(b) after paragraph 3, the following paragraph shall be inserted, namely:-

"3 A. District Level Environment Impact Assessment Authority:-

- (1) A District Level Environment Impact Assessment Authority hereinafter referred to as the DEIAA shall be constituted by the Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 comprising of four members including a Chairperson and a Member-Secretary.
- (2) The District Magistrate or District Collector shall be the Chairperson of the DEIAA.
- (3) The Sub-Divisional Magistrate or Sub-Divisional Officer of the district head quarter of the concerned district of the State shall be the Member-Secretary of the DEIAA.
- (4) The other two members of the DEIAA shall be the senior most Divisional Forest Officer and one expert. The expert shall be nominated by the Divisional Commissioner of the Division or Chief Conservator of Forest, as the case may be. The term and qualifications of the expert fulfilling the eligibility criteria are given in Appendix VII to this notification.
- (5) The members of the DEIAA who are serving officers of the concerned State Government or the Union territory Administration shall be *ex-officio* members except the expert member.
- (6) The District Level Expert Appraisal Committee hereinafter referred to as the DEAC shall comprise of eleven members, including a Chairman and a Member-Secretary.
- (7) The senior most Executive Engineer, Irrigation Department in the district of respective State Governments or Union territory Administration shall be the Chairperson of the DEAC.
- (8) The Assistant Director or Deputy Director of the Department of Mines and Geology or District Mines Officer or Geologist of the district shall be the Member-Secretary of the DEAC in that order.
- (9) A representative of the State Pollution Control Board or Committee, senior most Sub-Divisional Officer (Forest) in the district, representative of Remote Sensing Department or Geology Department or State Ground Water Department, one occupational health expert or Medical Officer to be nominated by the District Magistrate or District Collector, Engineer from Zila Parishad, and three expert members to be nominated by the Divisional Commissioner or Chief Conservator of Forest, as the case may be, shall be the other members of the DEAC. The term and qualifications of the experts fulfilling the eligibility criteria are given in Appendix VII to this notification.
- (10) The members of the DEAC who are serving officers of the concerned State Government or the Union territory Administration shall be *ex-officio* members except the expert members.
- (11) The District Magistrate or District Collector shall notify an agency to act as Secretariat for the DEIAA and the DEAC and shall provide all financial and logistic support for their statutory functions.
- (12) The DEIAA and DEAC shall exercise the powers and follow the procedure as specified in the said notification, as amended from time to time.
- (13) The DEAC shall function on the principle of collective responsibility and the Chairman shall endeavor to reach a consensus in each case and if consensus cannot be reached, the view of the majority shall prevail. ";

(c) in paragraph 4, after sub-paragraph (iii), the following sub-paragraph shall be inserted, namely:-

"(iv) The 'B2' Category projects pertaining to mining of minor mineral of lease area less than or equal to five hectare shall require prior environmental clearance from DEIAA. The DEIAA shall base its decision on the recommendations of DEAC, as constituted for this notification." ;

(d) for paragraph 5, the following paragraph shall be substituted, namely:-

"5. Screening, Scoping and Appraisal Committees:-

The same Expert Appraisal Committees (EACs) at the Central Government, SEACs at the State or Union territory level and DEAC at the district level shall screen, scope and appraise projects or activity in category 'A', 'B1 and B2' and 'B2' projects for mining of minor minerals of lease area less than and equal to five hectare respectively. EAC, SEACs and DEACs shall meet at least once every month.

(a) The composition of the EAC shall be as given in Appendix VI. The SEAC at the State or the Union territory level shall be constituted by the Central Government in consultation with the concerned State Government or the Union

territory Administration with identical composition. DEAC at the district level shall be constituted by the Central Government as per the composition given in paragraph 3 A.

(b) The Central Government may with the prior concurrence of the concerned State Governments or the Union territory Administration constitute one SEAC for more than one State or Union territory for reasons of administrative convenience and cost.

(c) The EAC and SEAC shall be reconstituted after every three years.

(d) The authorised members of the EAC, SEACs and DEACs concerned, may inspect any site connected with the project or activity in respect of which the prior environmental clearance is sought for the purpose of screening or scoping or appraisal with prior notice of at least seven days to the project proponent who shall provide necessary facilities for the inspection.

(e) The EAC, SEACs and DEACs shall function on the principle of collective responsibility. The Chairperson shall endeavor to reach a consensus in each case and if consensus cannot be reached the view of the majority shall prevail.”;

(e) for paragraph 6, the following paragraph shall be substituted, namely:-

“6. Application for Prior Environmental Clearance (EC):-

An application seeking prior environmental clearance in all cases shall be made by the project proponent in the prescribed Form 1 annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II after the identification of prospective site (s) for the project and/or activities to which the application relates; and in Form 1M for mining of minor minerals up to five hectare under Category ‘B2’ projects, as given in Appendix VIII, before commencing any construction activity, or preparation of land, or mining at the site by the project proponent. The project proponent shall furnish along with the application, a copy of the pre-feasibility project report, in addition to Form 1, Form 1A, and Form 1M; and in case of construction projects or activities (item 8 of the Schedule), a copy of the conceptual plan shall be provided instead of pre-feasibility report.”;

(f) in paragraph 7,-

(i) in sub-paragraph (i), under the heading “I. Stage (1)- Screening:”, the existing sub-paragraph shall be lettered as sub-paragraph “(A)” and after sub-paragraph as so lettered, the following sub-paragraph shall be inserted, namely:-

“(B) The cases as specified in Appendix IX shall be exempted from prior environmental clearance.” ;

(ii) after sub-paragraph 7 (ii), the following sub-paragraph shall be inserted, namely:-

“7 (iii) Preparation of District Survey Report for Sand Mining or River Bed Mining and Mining of other Minor Minerals:

(a) The prescribed procedure for preparation of District Survey Report for sand mining or river bed mining and mining of other minor minerals is given in Appendix X.

(b) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI.”;

(g) in paragraph 8,-

(i) for the letters and word “EAC or SEAC”, the words and letters “EAC or SEAC or DEAC” shall be substituted;

(ii) for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee” wherever they occur, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(h) in paragraph 9, in sub-paragraph (i),-

for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee”, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(i) in paragraph 10, after sub-paragraph (iii), the following sub-paragraph shall be inserted, namely:-

“(iv) The prescribed procedure for sand mining or river bed mining and monitoring is given in Appendix XII.”;

(j) in paragraph 11, -

for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee”, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(k) in the Schedule,-

(i) for item 1 (a) and the entries relating thereto, the following item and entries shall be substituted, namely:-

(1)	(2)	(3)	(4)	(5)
“1(a)	(i) Mining of minerals	≥50 ha of mining lease area in respect of non-coal mine lease ≥150 ha of mining lease area in respect of coal mine lease Asbestos mining	<50 ha of mining lease area in respect of non-coal mine lease ≤150 ha of mining lease area in respect of coal mine lease	General Conditions shall apply except: (i) for project or activity of mining of minor minerals of Category ‘B2’ (up to 25 ha of mining lease area); (ii) River bed mining projects on account of inter-state boundary.

		irrespective of mining area		<p>Note:</p> <p>(1) Mineral prospecting is exempted. ”;</p> <p>(2) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI.”;</p> <p>(3) The mining leases which have obtained environmental clearance under Environment Impact Assessment Notification, 1994 and Environment Impact Assessment Notification, 2006 shall not require fresh environmental clearance during renewal provided the project has valid and subsisting environmental clearance.</p>
(ii)	Slurry pipelines (coal lignite and other ores) passing through national parks or sanctuaries or coral reefs, ecologically sensitive areas.	All projects.		

(I) after Appendix VI, the following appendices shall be inserted, namely:-

“APPENDIX VII

(See paragraph 3 A)

Qualifications and terms for the Experts in DEIAA and DEAC

- Qualification:** The person should have at least (i) 5 years of formal University training in the concerned discipline leading to a MA or M Sc Degree or (ii) in case of Engineering/ Technology/ Architectural discipline, 4 years formal training course together with prescribed practical training in the field leading to a B. Tech/ B.E./ B. Arch. Degree, or (iii) Other professional degree (e.g. MBA etc.) involving a total of 5 years of formal University training and prescribed practical training, or (iv) Prescribed apprenticeship/ article ship and pass examinations conducted by the concerned professional associations (e.g. Chartered Accountancy) or (v) a University degree, followed by two years of formal training in a University or Service Academy (e.g. MBA/MPA etc.). In selecting the individual professionals, experience gained by them in their respective fields will be taken note of.
- Expert:** A professional fulfilling the above eligibility criteria with at least 10 years of relevant experience in the field or with an advanced degree (e.g. Ph. D) in a concerned field with at least 5 years of relevant experience.
- Age:** Below 70 years. However, in the event of non-availability of paucity of experts in a given field, the maximum age of a member may be allowed up to 75 years.
- Fields:** Experts in Mining, Geology, Hydrology, Remote Sensing, Environment Quality, Environment Impact Assessment Process, Risk Assessment, Life Sciences, Marine Sciences, Forestry and Wildlife, Environmental Economics, Bio-diversity, and River Ecology.

5. **Tenure:** The maximum tenure of expert members shall be for two terms of three years each.
6. The Expert Members may not be removed prior to expiry of the tenure without cause and proper enquiry.

APPENDIX VIII

(See paragraph 6)

FORM 1 M**APPLICATION FOR MINING OF MINOR MINERALS UNDER CATEGORY 'B2' FOR LESS THAN AND EQUAL TO FIVE HECTARE****(II) Basic Information**

- (viii) Name of the Mining Lease site:
- (ix) Location / site (GPS Co-ordinates):
- (x) Size of the Mining Lease (Hectare):
- (xi) Capacity of Mining Lease (TPA):
- (xii) Period of Mining Lease:
- (xiii) Expected cost of the Project:
- (xiv) Contact Information:

Environmental Sensitivity

Sl. No.	Areas	Distance in kilometer / Details
1.	Distance of project site from nearest rail or road bridge over the concerned River, Rivulet, Nallah etc.	
2.	Distance from infrastructural facilities Railway line National Highway State Highway Major District Road Any Other Road Electric transmission line pole or tower Canal or check dam or reservoirs or lake or ponds In-take for drinking water pump house Intake for Irrigation canal pumps	
3.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	
4.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	
5.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	
6.	Inland, coastal, marine or underground waters	
7.	State, National boundaries	
8.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	
9.	Defence installations	
10.	Densely populated or built-up area, distance from nearest human habitation	
11.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	
12.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	
13.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	
14.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	

15.	Is proposed mining site located over or near fissure / fracture for ground water recharge	
16.	Whether the proposal involves approval or clearance under the following Regulations or Acts, namely:- (a) The Forest (Conservation) Act, 1980; (b) The Wildlife (Protection) Act, 1972; (c) The Coastal Regulation Zone Notification, 2011. If yes, details of the same and their status to be given.	
17.	Forest land involved (hectares)	
18.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders or directions of the Court, if any, and its relevance with the proposed project.	

(Signature of Project Proponent
Along with name and address)

APPENDIX – IX

[See paragraph 7(i) (B)]

EXEMPTION OF CERTAIN CASES FROM REQUIREMENT OF ENVIRONMENTAL CLEARANCE

The following cases shall not require prior environmental clearance, namely:-

1. Extraction of ordinary clay or sand, manually, by the Kumhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their customs.
2. Extraction of ordinary clay or sand, manually, by earthen tile makers who prepare earthen tiles.
3. Removal of sand deposits on agricultural field after flood by farmers.
4. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
5. Community works like de-silting of village ponds or tanks, construction of village roads, ponds, bunds undertaken in Mahatma Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes, and community efforts.
6. Dredging and de-silting of dams, reservoirs, weirs, barrages, river, and canals for the purpose of their maintenance, upkeep and disaster management.
7. Traditional occupational work of sand by Vanjara and Oads in Gujarat vide notification number GU/90(16)/MCR-2189(68)/5-CHH, dated the 14th February, 1990 of the Government of Gujarat.
8. Digging of well for irrigation or drinking water.
9. Digging of foundation for buildings not requiring prior environmental clearance.
10. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nala, drain, water body, etc., to deal with any disaster or flood like situation upon orders of District Collector or District Magistrate.
11. Activities declared by State Government under legislations or rules as non-mining activity with concurrence of the Ministry of Environment, Forest and Climate Change, Government of India.

APPENDIX - X

[See paragraph 7 (iii) (a)]

PROCEDURE FOR PREPARATION OF DISTRICT SURVEY REPORT

The main objective of the preparation of District Survey Report (as per the Sustainable Sand Mining Guideline) is to ensure the following:

Identification of areas of aggradations or deposition where mining can be allowed; and identification of areas of erosion and proximity to infrastructural structures and installations where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining in that area.

The report shall have the following structure:

1. Introduction
2. Overview of Mining Activity in the District
3. The List of Mining Leases in the District with location, area and period of validity
4. Details of Royalty or Revenue received in last three years
5. Detail of Production of Sand or Bajari or minor mineral in last three years
6. Process of Deposition of Sediments in the rivers of the District
7. General Profile of the District
8. Land Utilization Pattern in the district: Forest, Agriculture, Horticulture, Mining etc.

9. Physiography of the District
10. Rainfall: month-wise
11. Geology and Mineral Wealth

In addition to the above, the report shall contain the following:

- (a) District wise detail of river or stream and other sand source.
- (b) District wise availability of sand or gravel or aggregate resources.
- (c) District wise detail of existing mining leases of sand and aggregates.

A survey shall be carried out by the DEIAA with the assistance of Geology Department or Irrigation Department or Forest Department or Public Works Department or Ground Water Boards or Remote Sensing Department or Mining Department etc. in the district.

Drainage system with description of main rivers

S. No.	Name of the River	Area drained (Sq. Km)	% Area drained in the District

Salient Features of Important Rivers and Streams:

S. No.	Name of the River or Stream	Total Length in the District (in Km)	Place of origin	Altitude at Origin

Portion of the River or Stream Recommended for Mineral Concession	Length of area recommended for mineral concession (in kilometer)	Average width of area recommended for mineral concession (in meters)	Area recommended for mineral concession (in square meter)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)

Mineral Potential

Boulder (MT)	Bajari (MT)	Sand (MT)	Total Mineable Mineral Potential (MT)

Annual Deposition

S. No.	River or Stream	Portion of the river or stream recommended for mineral concession	Length of area recommended for mineral concession (in kilometer)	Average width of area recommended for mineral concession (in meters)	Area recommended for mineral concession (in square meter)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)
Total for the District						

A Sub-Divisional Committee comprising of Sub-Divisional Magistrate, Officers from Irrigation department, State Pollution Control Board or Committee, Forest department, Geology or mining officer shall visit each site for which environmental clearance has been applied for and make recommendation on suitability of site for mining or prohibition thereof.

Methodology adopted for calculation of Mineral Potential:

The mineral potential is calculated based on field investigation and geology of the catchment area of the river or streams. As per the site conditions and location, depth of minable mineral is defined. The area for removal of the mineral in a river or stream can be decided depending on geo-morphology and other factors, it can be 50 % to 60 % of the area of a particular river or stream. For example in some hill States mineral constituents like boulders, river born Bajri, sand up

to a depth of one meter are considered as resource mineral. Other constituents like clay and silt are excluded as waste while calculating the mineral potential of particular river or stream.

The District Survey Report shall be prepared for each minor mineral in the district separately and its draft shall be placed in the public domain by keeping its copy in Collectorate and posting it on district's website for twenty one days. The comments received shall be considered and if found fit, shall be incorporated in the final Report to be finalised within six months by the DEIAA.

The District Survey Report shall form the basis for application for environmental clearance, preparation of reports and appraisal of projects. The Report shall be updated once every five years.

APPENDIX - XI

[See paragraph 7 (iii) (b)]

PROCEDURE FOR ENVIRONMENTAL CLEARANCE FOR MINING OF MINOR MINERALS INCLUDING CLUSTER

The following policy shall be followed for environmental clearance of mining of minor minerals including cluster situation:-

- (1). The data provided by the States (Sustainable Sand Mining Guidelines) shows that most of the mining leases for minor minerals are of lease area less than 5 hectare. It is also reported that in hill States getting a stretch in river with area more than 5 hectare is very uncommon. So the size of lease for minor minerals including river sand mining will be determined by the States as per their circumstances.
- (2). The mining of minor minerals is mostly in clusters. The Environment Impact Assessment or Environment Management Plan are required to be prepared for the entire cluster in order to capture all the possible externalities. These reports shall capture carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo-hydrological study of the cluster area. The Environment Impact Assessment or Environment Management Plan shall be prepared by the State or State nominated Agency or group of project proponents in the Cluster or the project proponent in the cluster.
- (3). There shall be one public consultation for entire cluster after which the final Environment Impact Assessment or Environment Management Plan report for the cluster shall be prepared.
- (4). Environmental clearance shall be applied for and issued to the individual project proponent. The individual lease holders in cluster can use the same Environment Impact Assessment or Environment Management Plan for application for environmental clearance. The cluster Environment Impact Assessment or Environment Management Plan shall be updated as per need keeping in view any significant change.
- (5). The details of cluster Environment Impact Assessment or Environment Management Plan shall be reflected in each environmental clearance in that cluster and DEAC, SEAC, and EAC shall ensure that the mitigative measures emanating from the Environment Impact Assessment or Environment Management Plan study are fully reflected as environmental clearance conditions in the environmental clearance's of individual project proponents in that cluster.
- (6). A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area.
- (7). Form 1M, Pre-Feasibility Report and mine plan for Category 'B2' projects for mining of minor minerals shall be prepared by the Registered Qualified Person or Accredited Consultants of Quality Council of India, National Accreditation Board for Education and Training. The Environment Impact Assessment or Environment Management Plan for Category 'A' and Category 'B1' projects shall be prepared by the accredited consultants of Quality Council of India, National Accreditation Board for Education and Training.
- (8). The SEIAAs shall have supervisory jurisdiction over the DEIAAs and decisions of DEIAA shall be reviewed by the SEIAA without prejudice to any provisions under any existing law.

Schematic Presentation of Requirements on Environmental Clearance of Minor Minerals including cluster situation

Area of Lease (Hectare)	Category of Project	Requirement of EIA / EMP	Requirement of Public Hearing	Requirement of EC	Who can prepare EIA/ EMP	Who will apply for EC	Authority to appraise/ grant EC	Authority to monitor EC compliance
EC Proposal of Sand Mining and other Minor Mineral Mining on the basis of individual mine lease								
0 - 5ha	'B2'	Form -1M, PFR and Approved Mine Plan	No	Yes	Project Proponent	Project Proponent	DEAC/ DEIAA	DEIAA SEIAA SPCB CPCB MoEFCC Agency

> 5 ha and < 25 ha	'B2'	Form -I, PFR and Approved Mine Plan and EMP	No	Yes	Project Proponent	Project Proponent	SEAC / SEIAA	nominated by MoEFCC
≥ 25ha and < 50ha	'B1'	Yes	Yes	Yes	Project Proponent	Project Proponent	SEAC/ SEIAA	
≥ 50 ha	'A'	Yes	Yes	Yes	Project Proponent	Project Proponent	EAC/ MoEFCC	
EC Proposal of Sand Mining and other Minor Mineral Mining in cluster situation								
Cluster area of mine leases up to 5 ha	'B2'	Form -IM, PFR and Approved Mine Plan	No	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	DEAC/ DEIAA/	DEIAA SEIAA SPCB CPCB MoEFCC Agency nominated by MoEFCC
Cluster area of Mine leases > 5 ha and < 25 ha with no individual lease > 5 ha	'B2'	Form -I, PFR and Approved Mine Plan and one EMP for all leases in the Cluster	No	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	DEAC/ DEIAA/	
Cluster of mine leases of area ≥ 25 hectares with individual lease size < 50ha	'B1'	Yes	Yes	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	SEAC/ SEIAA	
Cluster of any size with any of the individual lease ≥ 50ha	'A'	Yes	Yes	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	EAC/ MoEFCC	

APPENDIX - XII

[See paragraph 10 (iv)]

PROCEDURE FOR MONITORING OF SAND MINING OR RIVER BED MINING

1. The security feature of Transport Permit shall be as under:

- Printed on Indian Banks' Association (IBA) approved Magnetic Ink Character Recognition (MICR) Code paper.
- Unique Barcode.
- Unique Quick Response (QR) code.
- Fugitive Ink Background.
- Invisible Ink Mark.
- Void Pantograph.
- Watermark.

2. Requirement at Mine Lease Site:

- Small Size Plot (Up to 5 hectare): Android Based Smart Phone.

- (b) Large Size Plots (More than 5 hectare): CCTV camera, Personal Computer (PC), Internet Connection, Power Back up.
 - (c) Access control of mine lease site.
 - (d) Arrangement for weight or approximation of weight of mined out mineral on basis of volume of the trailer of vehicle used.
3. Scanning of Transport Permit or Receipt and Uploading on Server:
- (a) Website: Scanning of receipt on mining site can be done through barcode scanner and computer using the software;
 - (b) Android Application: Scanning on mining site can be done using Android Application using smart phone. It will require internet availability on SIM card;
 - (c) SMS: Transport Permit or Receipt shall be uploaded on server even by sending SMS through mobile. Once Transport Permit or Receipt get uploaded, an unique invoice code gets generated with its validity period.
4. Proposed working of the system:
- The State Mining Department should print the Transport Permit or Receipt with security features enumerated at Paragraph 1 above and issue them to the mine lease holder through the District Collector. Once these Transport Permits or Receipts are issued, they would be uploaded on the server against that mine lease area. Each receipt should be preferably with pre-fixed quantity, so the total quantity gets determined for the receipts issued.
- When the Transport Permit or Receipt barcode gets scanned and invoice is generated, that particular barcode gets used and its validity time is recorded on the server. So all the details of transporting of mined out material can be captured on the server and the Transport Permit or Receipt cannot be reused.
5. Checking On Route:
- The staff deployed for the purpose of checking of vehicles carrying mined mineral should be in a position to check the validity of Transport Permit or Receipt by scanning them using website, Android Application and SMS.
6. Breakdown of Vehicle:
- In case the Vehicle breakdown, the validity of Transport Permit or Receipt shall be extended by sending SMS by driver in specific format to report breakdown of vehicle. The server will register this information and register the breakdown. The State can also establish a call centre, which can register breakdowns of such vehicles and extend the validity period. The subsequent restart of the vehicle also should be similarly reported to the server or call centre.
7. Tracking of Vehicles:
- The route of vehicle from source to destination can be tracked through the system using check points, RFID Tags, and GPS tracking.
8. Alerts or Report Generation and Action Review:
- The system will enable the authorities to develop periodic report on different parameters like daily lifting report, vehicle log or history, lifting against allocation, and total lifting. The system can be used to generate auto mails or SMS. This will enable the District Collector or District Magistrate to get all the relevant details and shall enable the authority to block the scanning facility of any site found to be indulged in irregularity. Whenever any authority intercepts any vehicle transporting illegal sand, it shall get registered on the server and shall be mandatory for the officer to fill in the report on action taken. Every intercepted vehicle shall be tracked.
- The monitoring of mined out mineral, environmental clearance conditions and enforcement of Environment Management Plan will be ensured by the DEIAA, SEIAA and the State Pollution Control Board or Committee. The monitoring arrangements envisaged above shall be put in place not later than three months. The monitoring of enforcement of environmental clearance conditions shall be done by the Central Pollution Control Board, Ministry of Environment, Forest and Climate Change and the agency nominated by the Ministry for the purpose."

[No. Z-11013/98/2014-IA-II (M)]

MANOJ KUMAR SINGH, Jr. Secy.

Note: The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O. 1533 (E), dated the 14th September, 2006 and subsequently amended vide the following numbers :-

