

Proceedings of 196th meeting of State Expert Appraisal Committee (SEAC) held on 01.03.2021 at 11:00 am.

The following were present:

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

At the outset, Member Secretary, SEAC welcome the members of recently constituted State Expert Appraisal Committee (SEAC) and requested all the Members for extending cooperation for appraising the various cases for grant of Environmental Clearance.

Item No 196.01 : Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of Sh. Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, for mining of minor minerals in the revenue estate of village- Bhallan, Tehsil- Nangal, District- Ropar, (Rupnagar). SIA/PB/MIN/151383/2020

1.0 Background

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 12,240 TPA in an area of 5.77 Ha in the revenue estate of village- Bhallan, Tehsil- Nangal, District- Ropar,(Rupnagar), subject to certain conditions. Later on, the said Environmental Clearance was transferred in the name of Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, vide letter no. SEIAA/MS/2020/1346 dated 16/01/2020.

After perusal of the said Environmental Clearance, it has been observed that an interstate boundary between Punjab & Himachal Pradesh lie within 10 km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable, as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

There is no Protected Forest and National Park/ Wildlife Sactuary falls within 10KM Radius from mine lease boundary. Mine working will be manual. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 15.11.2019, e-Auction notice, Mining status certificate issued by Mining Department, Ropar, DSR, approved mining plan dated 03.08.2020. undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 10,200/- vide NEFT jaka2006113929110 dated26.06.2020.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseac Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance" , wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to the observations made by SEIAA in its meeting held on 30.10.2020, the Executive Engineer-cum- District Mining Officer, Mining Division, Rupnagar vide letter no. 3453 dated 04.11.2020 has submitted as under:

- (i) The Department submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tones.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Ropar	Bhallan	1.68	5.10	92,534.4	12,000	4,486.4	88,048	7.33

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in river bed area and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 7.33 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period."

5.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Project Proponent.
- (ii) Sh. Sameer Singh, Representative from M/s Aseries Envriotek India Pvt. Ltd, Noida, Uttar Pradesh, Environmental Consultant of the Project Proponent.
- (iii) Sh. Sh. Sushminder Singh, State Geologist.
- (iv) Sh. Sukhwinder Singh Kalsi, XEN cum- Distt Mining Officer, Ropar.

SEAC perused the reply submitted by the Mining Department vide no. 3453 dated 04.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 7.33 years and thus the site can be allowed to operate for atleast the contract period awarded by the Mining Department. SEAC observed that the original EC was granted for the area of 5.77 Ha., however, in the letter from the mining deptt. the area of mine was mentioned as 5.10 Ha. Thus, SEAC observed that the extension in the EC can be allowed on the area of 5.10 Ha. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 811-13 dated 31.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 30.11.2022.

6.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 30.11.2022 or till the completion of mining activities, whichever is earlier in an area of 5.10 Ha with the following additional conditions:

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No 196.02: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of M/s Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, for mining of minor minerals in the revenue estate of village- Dayapur, Tehsil- Nangal, District- Ropar, (Rupnagar). SIA/PB/MIN/151404/2020

1.0 Background

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 63,000 TPA in an area of 51.92 Hain the revenue estate of village- Dayapur, Tehsil- Nangal, District- Ropar,(Rupnagar), subject to certain conditions. The said Environmental Clearance was transferred in the name of Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, vide letter no. SEIAA/MS/2020/1346 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA. II(M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & Himachal Pradesh lie within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate

boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, no forest land is involved and no National Park/ Wildlife Sanctuary falls within 10 km from the boundary of the mine lease. Mine working will be semi-mechanised. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case:

Now, the contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 15.11.2019, e-Auction notice, Mining certificate issued by Mining Department, Ropar, DSR, approved mining plan dated 03.08.2020. undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 97,360/- vide NEFT JAKA200611392926 dated 26.06.2020.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseac Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance" , wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the

validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to the observations made by SEIAA in its meeting held on 30.10.2020, the Executive Engineer-cum- District Mining Officer, Mining Division, Rupnagar vide letter no. 3454 dated 04.11.2020 has submitted as under:

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tonnes.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Ropar	Dayapur	1.33	48.68	6,99,239.5	63,000	20,459.4	6,78,780.1	10.77

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 10.77 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period."

5.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Project Proponent.
- (ii) Sh. Sameer Singh, Representative from M/s Aseries Envriotek India Pvt. Ltd, B-107, First Floor, Sector 6, Noida, Uttar Pradesh, Environmental Consultant of the Project Proponent.
- (iii) Sh. Sh. Sushminder Singh, State Geologist.
- (iv) Sh. Sukhwinder Singh Kalsi, XEN cum- Distt Mining Officer, Ropar.

SEAC perused the reply submitted by the Mining Department vide no. 3454 dated 04.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 10.77 years and thus the site can be allowed to operate for atleast the contract period awarded by the Mining Department. SEAC observed that the original EC was granted for an area of 51.92 Ha, however, in the letter from the mining deptt. the area of mine is mentioned as 48.68 Ha. Thus, SEAC observed that the extension in the EC could be allowed on the area of 48.68 Ha. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 811-13 dated 31.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 30.11.2022.

5.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 30.11.2022 or till the completion of mining activities, whichever is earlier in an area of 48.68 Ha with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.03: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of M/s Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, for mining of minor minerals in the revenue estate of village- Plassi, Tehsil- Nangal, District- Ropar, (Rupnagar). SIA/PB/MIN/151408/2020

1.0 Background

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 22,000 TPA in an area of 19.45 Ha in the revenue estate of village- Plassi, Tehsil- Nangal, District- Ropar,(Rupnagar), subject to certain conditions. The said Environmental Clearance was transferred in the name of Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, vide letter no. SEIAA/MS/2020/1314 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA. II(M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & Himachal Pradesh lie within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, no forestland is involved. There is no Protected Forest within 10KM radius from mine lease boundary. No National Park/ Wildlife Sanctuary falls within 10 km from the boundary of the mine lease. Mine working will be manual. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 15.11.2019, e-Auction notice, Mining certificate issued by Mining Department, Ropar, DSR, approved mining plan, undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 9,725/- vide NEFT JAKA200626494176 and Rs. 29,175/- through Corporation Bank.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide

letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

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SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

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Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseas Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance", wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to the observations made by SEIAA in its meeting held on 30.10.2020, the Executive Engineer-cum- District Mining Officer, Mining Division, Rupnagar vide letter no. 3455 dated 04.11.2020 has submitted as under

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tonnes.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Ropar	Plassi	2.45	19.45	5,14,647	22,000	7,210	5,07,437	23.06

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 23.06 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period.”

5.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Project Proponent.
- (ii) Sh. Sameer Singh, Representative from M/s Aseries Envriotek India Pvt. Ltd, B-107, First Floor, Sector 6, Noida, Uttar Pradesh, Environmental Consultant of the Project Proponent.
- (iii) Sh. Sh. Sushminder Singh, State Geologist.
- (iv) Sh. Sukhwinder Singh Kalsi, XEN cum- Distt Mining Officer, Ropar.

SEAC perused the reply submitted by the Mining Department vide no. 3455 dated 04.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 23.06 years and thus the site can be allowed to operate for atleast the contract period awarded by the Mining Department. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 811-13 dated 31.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 30.11.2022.

5.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 30.11.2022 or till the completion of mining activities, whichever is earlier in an area of 19.45 Ha with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.04: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of Sh. Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, for mining of minor minerals in the revenue estate of village- Surewal, Tehsil- Nangal, District- Ropar, (Rupnagar). SIA/PB/MIN/151442/2020

1.0 Background

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 78161 TPA in an area of 73.12 Ha in the revenue estate of village- Bhallan, Tehsil- Nangal, District- Ropar,(Rupnagar), subject to certain conditions. Later on, the said Environmental Clearance was transferred in the name of Rakesh Kumar Chaudhary 51B/D Gandhi Nagar, Jammu J&K, vide letter no. SEIAA/MS/2020/1365 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA.II(M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & Himacahal Pradesh lie within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, no forestland is involved and no National Park/ Wildlife Sanctuary falls within 10 km from the boundary of the mine lease. Mine working will be semi-mechanised. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 15.11.2019, e-Auction notice, Mining status certificate issued by Mining Department, Ropar, DSR, approved mining plan dated 03.08.2020. undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 1,05,500/- vide no.4618 dated 08.07.2020

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide

letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseas Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance", wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to observations of SEIAA, Executive Engineer-cum- District Mining Officer, Mining Division, Rupnagar vide letter no. 3456 dated 04.11.2020 has submitted as under:

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tonnes.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Ropar	Surewal	2.011	52.75	11,456,66.7	78,000	22,628	11,23,038.7	14.4

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 14.4 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period.”

5.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Amit Kumar, Authorized Signatory from the Project Proponent.
- (ii) Sh. Sameer Singh, Representative from M/s Aseries Envriotek India Pvt. Ltd, B-107, First Floor, Sector 6, Noida, Uttar Pradesh, Environmental Consultant of the Project Proponent.
- (iii) Sh. Sh. Sushminder Singh, State Geologist.
- (iv) Sh. Sukhwinder Singh Kalsi, XEN cum- Distt Mining Officer, Ropar.

SEAC perused the reply submitted by the Mining Department vide no. 3456 dated 04.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 14.04 years and thus the site can be allowed to operate for atleast the contract period awarded by the Mining Department. SEAC observed that the original EC was granted for an area of 73.12 Ha, however, in the letter from the mining deptt. the area of mine is mentioned as 52.75 Ha. Thus, SEAC observed that the extension in the EC could be allowed on the area of 52.75 Ha. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 811-13 dated 31.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities

including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 30.11.2022.

6.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 30.11.2022 or till the completion of mining activities, whichever is earlier, in an area of 52.75 Ha with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.05: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi, for mining of minor minerals in the revenue estate of Village Barsoon, Tehsil Pathankot, District Pathankot. SIA/PB/MIN/160396/2020

1.0 Background

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 1.00 lakhs TPA in an area of 12.40 Hain the revenue estate of Village Barsoon, Tehsil & District Pathankot, subject to certain conditions. Later on, the said Environmental Clearance was transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi by SEIAA, Punjab vide letter no. SEIAA/MS/2020/1346 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA.II(M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & Himacahal Pradesh lie within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, Indur, Malkot Karar, Samu, Nagwal, Damtal, Nehar ki Bir, Sugar nal & Laran, Odhwan and Agra da ban Protected forests fall within the 10km radius from mine lease boundary. Also, no National Park/ Wildlife Sactuary fall within 10 km from the boundary of the mine lease. Mine working will be semi-mechanised. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 22.11.2019, e-Auction notice, Mining certificate issued by Mining Department, Pathankot, DSR, approved mining plan , undertaking regarding non-submission of the compliance report and Red Line

drawing. The project proponent has submitted Rs. 24,800/- vide NEFT PUBH20177965788 Dated 25.06.2020.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Deepak Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.

- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseas Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance", wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to observations made by SEIAA, Executive Engineer-cum-District Mining Officer, Gurdaspur vide letter no. 462/Block no.6 dated 05.11.2020 has submitted as under:

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of

Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tonnes.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Pathankot	Barsoon	1.40	12.40	1,87,488	1,00,000	70,486	1,17,002	1.17

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 1.17 years.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period."

5.0 Deliberations during the 196th meeting of SEAC held on 06.11.2020

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Siraj Ahmad, Authorized Signatory from the Promoter company.
- (ii) Sh. Sushminder Singh, State Geologist.
- (iii) Sh. J.S Bhinder, XEN cum- Distt Mining Officer, Gurdaspur.
- (iv) Sh. Jivan Kumar, M/s Overseac Mintech Consultant, Environmental Consultant of the Project Proponent.

SEAC perused the reply submitted by the Mining Department vide no. 462 dated 05.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 1.17 years. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period

of 3 years can be assumed to expire on 21.11.2022. Thus, the EC can be extended upto 21.03.2022 (1.17 Years).

6.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 30.06.2021 or till the completion of mining activities, whichever is earlier in an area of 12.40 Ha with the following additional conditions:

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.06: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi, for mining of minor minerals in the revenue estate of Village Dulpat, Tehsil Pathankot, District Pathankot. SIA/PB/MIN/160332/2020

1.0 Background:

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 1.00 lakhs TPA in an area of 11.60 Hain the revenue estate of Village Dulpat, Tehsil & District Pathankot, subject to certain conditions. Later on, the said Environmental Clearance was transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi by SEIAA, Punjab vide letter no. SEIAA/MS/2020/1346 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA.II(M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & J&K lies within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, no forestland is involved. There is Nehar Ki Bir Protected Forest within 10KM radius from lease boundary. Kathlaur Kaushlian Wildlife Sanctuary lies within buffer zone of the mine at a distance of 3KM in south west directions. Mine working will be semi-mechanised. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 15.10.2019, e-Auction notice, Mining certificate issued by Mining Department, Pathankot, DSR, approved mining plan, undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 23,200/- vide NEFT PUNBH20177966625 dated 25.06.2020.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

1.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Deepak Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

2.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

3.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseas Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance", wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to observations made by SEIAA, Executive Engineer-cum-District Mining Officer, Gurdaspur vide letter no. 463/Block no.6 dated 05.11.2020 has submitted as under:

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above

the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tonnes.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Pathankot	Dulpat	2.28	11.60	2,85,638	1,00,000	58,283	2,27,355	2.27

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 2.27 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period."

4.0 Deliberations during the 196th meeting of SEAC held on 06.11.2020

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Siraj Ahmad, Authorized Signatory from the Promoter company.
- (ii) Sh. Sushminder Singh, State Geologist.
- (iii) Sh. J.S Bhinder, XEN cum- Distt Mining Officer, Gurdaspur.
- (iv) Sh. Jivan Kumar, M/s Overseac Mintech Consultant, Environmental Consultant of the Project Proponent.

SEAC perused the reply submitted by the Mining Department vide no. 463 dated 05.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 2.27 years. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 21.11.2022. Thus, the EC can be extended upto 05.10.2022.

5.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 05.10.2022 or till the completion of mining activities, whichever is earlier in an area of 11.60 Ha with the following additional conditions:

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.07: Regarding extension in the validity of Environmental Clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, District Industries Centre, Jalandhar and transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi, for mining of minor minerals in the revenue estate of Village Mamoon, Tehsil Pathankot, District Pathankot. SIA/PB/MIN/160359/2020

1.0 Background:

The Director, Department of Industries, Govt. of Punjab was granted Environmental Clearance under EIA notification dated 14.09.2006 by MoEF, Govt. of India, vide no. J-11015/159/2010-IA-II(M) dated 28/06/2013 for carrying out mining of minor minerals (sand) @ 5.28 lakhs TPA in an area of 88 Ha in the revenue estate of Village Mamoon, Tehsil & District Pathankot, subject to certain conditions. Later on, the said Environmental Clearance was transferred in the name of M/s Sainik Foods Private Limited, Plot no. 201 & 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalka ji, New Delhi by SEIAA, Punjab vide letter no. SEIAA/MS/2020/1409 dated 16/01/2020.

It is pertinent to mention here, EC in this case was earlier granted by MOEF vide no. J-11015/159/2010-IA. II (M) dated 28.06.2013. After perusal of the said Environmental Clearance it has been observed that an interstate boundary between Punjab & Himachal Pradesh lie within 10km radius of the mine lease area. However, MoEF vide notification no. S.O. 3977(E) dated 14.08.2018 has made amendment in the EIA Notification dated 14.09.2006 to the effect that the project/ activities related to mining of minerals (Non-Coal Mines) of area less than 100 hectare fall under Category-B projects, if General Conditions are not applicable. As per the said OM, the General Conditions are not applicable as the mining area is less than 25 ha and an interstate boundary falls within 10km of the site. Thus, on this account, the competency to decide the case lies with SEIAA, Punjab.

As per the said EC letter, No forest land is involved. Sugar nal Laran PF, Lodhwan PF, Agra Da Van RF, Bangal PF, Samun PF, Malkot Karar PF, Damtal RF, Nehar Kabir R.F., Indpur PF and Nagwal PF lie within 10Km Radius from mine lease boundary. Also, no National Park/ Wildlife Sanctuary fall within 10 km from the boundary of the mine lease. Mine working will be semi-mechanised. No drilling and blasting is to be carried out. Ultimate working depth will be upto 3 m from river bed level. Mining will be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.

2.0 Present Case

The contractor has applied for obtaining extension in the validity of the said Environmental Clearance which was granted by the MoEF and later on transferred in the name of contractor. The contractor has submitted the requisite documents i.e. copy of previous EC, copy of Aks Sajra Map, Demarcation report dated 22.11.2019, e-Auction notice, Mining certificate issued by Mining Department, Pathankot, DSR, approved mining plan , undertaking regarding non-submission of the compliance report and Red Line drawing. The project proponent has submitted Rs. 1,76,000/- vide NEFT PUBH20177987023 Dated 25.06.2020.

As per the MoEF, OM dated 14.09.2016, the validity of Environmental Clearance granted to the mining cases can be extended for a period of thirty years. The provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years i.e. upto 21.07.2022.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The case was considered by the SEAC in its 194th meeting and the same was attended by the following:

- (i) Sh. Deepak Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Arun Yadav, EIA Coordinator, M/s Overseac Mintech Consultant
- (iii) Sh. Jivan Yadav, FAE, M/s Overseac Mintech Consultant

SEAC was apprised that Project Proponent has submitted application for extension in the Validity before the expiry of Environmental Clearance granted to it.

MoEF&CC, Regional Office Chandigarh vide letter no. 518 dated 31.08.2020 in reference to the SEAC letter No. 1912 dated 18.08.2020 regarding seeking Certified Compliance Report for considering the applications for extension of validity of EC by SEAC, Punjab informed that as per various circulars issued by the MoEF&CC on 20/ 10/2009; 30/05/2012; & 07/09/2017, certified compliance report is required only in those cases where the project proponent has applied for Capacity Enhancement and concerned SEAC is also mandated to request the same while issuing ToRs. Accordingly, MoEF intimated that there does not seem any requirement to act on the request received from SEAC vide letter dated 18/08/2020 for certified compliance report. Necessary decision regarding extension of validity of EC may kindly be taken at the level of SEAC Punjab as deemed appropriate.

As such, in the case under reference, the applicant has applied for 'Extension of Validity of EC' with SEAC Punjab and not for 'Capacity Enhancement'. Hence, Certified Compliance report from the office of MoEF&CC, Regional Office, Chandigarh is not required.

Environment Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted Project Proponent was taken on record by the SEAC. To a query of SEAC regarding the cluster formation, Environment Consultant informed that no other mining sites fall within the radius of 500 m from the periphery of mining lease area. SEAC was satisfied with the presentation.

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006, decided to recommend the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 21.07.2022 or till the completion of mining activities, whichever is earlier with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

4.0 Deliberations during 173rd meeting of SEIAA held on 30.10.2020.

The case was placed before SEIAA in its 173rd meeting held on 30.10.2020 and the same was attended by the following through video conference: -

- (i) Sh. Amit Kumar, Authorized Signatory from the Promoter company.
- (ii) Sh. Sameer Singh, EIA Coordinator, M/s Overseas Mintech Consultant

The SEIAA was apprised that the Environmental Clearance was granted by the MoEF&CC on 28.06.2013, which was valid for 5 years and the same was automatically extended for seven years vide notification dated 12.04.2016 issued by the MoEF&CC and the said environmental clearance was transferred to the contractor for carrying out the mining activities upto 27.06.2020. Now, the contractor has applied for extension of the validity of EC upto which mining site has been allotted to him as per provisions of Notification No. S.O. 2944 (E) dated 14.09.2016.

The SEIAA perused the Notification No. S.O. 2944 (E) dated 14.09.2016 regarding the "Validity of Environmental Clearance", wherein in it has been mentioned that:-

"The "Validity of Environmental Clearance" is meant the period for which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities."

The SEIAA observed that the SEAC has not specifically determined the estimated project life of the mining site. The same is mandatory for extension of the validity of EC for mining projects as per the above mentioned Notification. In the absence of recommendations of SEAC on this issue, (estimated project life), SEIAA cannot consider the case for extension of the validity beyond 7 years in this case.

After detailed deliberations, SEIAA decided to remand the case to SEAC with the request to make specific recommendations on the estimated project life of the mining site.

In response to the observations made by SEIAA, Executive Engineer-cum-District Mining Officer, Gurdaspur vide letter no. 461/Block no.6 dated 05.11.2020 has submitted as under:

- (i) It is submitted that in compliance to National Green Tribunal orders dated 22.08.2019 in O.A. No 532/2019 in the matter of Gangneshwar Singh Walia Vs. MoEF&CC & Ors., a status report was filed by the department, in which regarding replenishment study of river, it was submitted that as per the survey conducted by the department in the month of June, 2019, this mine falls in riverbed area where the deposition is above

the bed level (copy enclosed). The average silted depth was estimated and accordingly the material available is shown in the table below-

District	Name of Mine	Available Silted Depth (in meters)	Area of Mine (in Ha.)	Quantity Available as per Silted Depth (in tonnes)	Extractable Quantity as per EC (in tones.)	Quantity Extracted since survey was conducted (in tonnes)	Balance Quantity Available (in tonnes)	Life of available material as per EC (in years)
1	2	3	4	5	6	7	8(=5-7)	9(=8/6)
Pathankot	Mamoon	1.40	88.00	13,30,560	5,28,000	2,72,975	10,57,585	2

As per the column no. 8 of the above table, the balance quantity available in the mine is in consonance with the quantity allowed in the Environment Clearance in column no. 6.

- (ii) It is pertinent to mention that as this mine fall in riverbed area, and has been replenished and likely to be replenished in the coming monsoon season June 2021. Further, mining after September 2021 will be allowed by the Department to the contractor after assessing the availability of material.
- (iii) As per the details given in the above table, the material available at the site for the mine is sufficient for a period of 2 years. However, the extension in Environment Clearance is requested for the period less than that.
- (iv) In the light of the above, it is requested that since the present bed level is above the original bed level due to deposition, this project be considered for its extension in the validity of Environment Clearance upto its contract period."

5.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by the SEAC in its 196th meeting and the same was attended by the following:

- (i) Sh. Siraj Ahmad, Authorized Signatory from the Promoter company.
- (ii) Sh. Sushminder Singh, State Geologist.
- (iii) Sh. J.S Bhinder, XEN cum- Distt Mining Officer, Gurdaspur.
- (iv) Sh. Jivan Kumar, M/s Overseac Mintech Consultant, Environmental Consultant of the Project Proponent.

SEAC perused the reply submitted by the Mining Department vide no. 461 dated 05.11.2020 and observed that the project life of the Mining site in light of the quantity of material present at the site is 2 years. SEAC further observed that the provisional acceptance letter has been issued by the Department of Mines and Geology, Punjab vide letter no. 1073 dated 22.07.2019, having validity for a period of three years and the said period will counted from completion of all the formalities including taking Environmental Clearance or 4 months from award of contract, whichever is earlier. Thus the said period of 3 years can be assumed to expire on 21.11.2022. Thus, the EC can be extended upto 28.06.2022 (2.0 Years).

6.0 Recommendations

After detailed deliberations, the SEAC after going through the details of the project and keeping in view of the provisions of EIA notification, 14.09.2006 and the reply submitted by the Mining Department has decided to recommended the case to SEIAA for issuing letter of extension in the validity of environmental clearance upto 28.06.2022 or till the completion of mining activities, whichever is earlier in an area of 88 Ha with the following additional conditions:-

- 1) The project proponent shall monitor the bed levels of the river pre monsoon and post monsoon and submit the compliance report to the Mining Department.
- 2) The Mining Department shall allow the mining activities on the mining site after ensuring the compliance of the conditions of Environment Clearance granted to the project.

Item No.196.08: Regarding expansion in the Environmental Clearance granted to the Group Housing project namely “The Hermitage Park” village Dhakouli, Zirakpur, SAS Nagar, M/s Paradigm Business Ventures.

1.0 Background

Earlier the project proponent was granted Environmental Clearance for establishment of a group housing project namely “**The Hermitage Park**” at **village Dhakouli, Zirakpur, SAS Nagar**, Punjab vide no. SEIAA/3006 dated 28.05.2015. The said EC was granted for total plot area 24706.019 sqm and total built up area 55899 sqm.

Now the project proponent for obtaining expansion in the Environmental Clearance granted earlier. After expansion, the land area will increased by 67 Sqm and the total land area will be 24773.42 Sqm and the built up area will increase by 18828 sqm and the total built up area will become 74727 sqm.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 38,378/- through NEFT no. ANDBN20248203156 Dated 23.06.2020.

The Regional office MoEF vide letter No. 645-647 dated 29.09.2020 as sent the verified compliance report of the conditions of EC granted to it earlier. The said report is attached as **Annexure-1**

1.1 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by SEAC in its 196th meeting held on 01.03.2021 and was attended by the following on behalf of the project proponent:

- i) Sh. Kamal Jindal, Business head and Sh. Deepak Gupta, Environmental Advisor.
- ii) Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali, Environmental Consultant of the project proponent.

The SEAC allowed the Project Proponent to present its salient features which the environmental Consultant of the project proponent submitted as under :

S.No.	Item	Details
1.	Online Proposal No.	SIA/PB/MIS/164505/2020
2.	Name and Location of the project	Project Name “The Hermitage Park” located at Zirakpur
3.	Latitude & Longitude	30.39 29.25 76.50.21.83 30.39 31.65 76.50.20.22 30.39 34.17 76.50.24.09 30.39 30.89 76.50.27.43
4.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8 A

5.	Whether the project is in critical polluted area or not.	NA
6.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	Already granted EC. Now applied for expansion.
7.	a) Is the project covered under PLPA,1900, if No but located near to PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act, 1900. b) Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA,1900.	Already granted EC. Now applied for expansion.
8.	If the project falls within 10 km of ecosensitive area/ National park/Wild Life Sanctuary. If yes, a) Name of ecosensitive area/ National park/Wild Life Sanctuary and distance from the project site. b) Status of clearance from National Board for Wild Life (NBWL).	Already granted Environment Clearance. Now applied for expansion.
9.	Classification/Land use pattern as per Master Plan	Already granted Environment Clearance. Now applied for expansion.

10.	Cost of the project	72 cr (after expansion)					
11.	Total Plot area, Built up Area and Green area	"Table A"					
		Description	Old		Addition		Proposed
		Land	24706.019 Sqm		67 Sqm		24773.42 Sqm
		Built up area	55899 Sqm		18828 Sqm		74727 Sqm
		Green Area					5607 Sqm
	Total no of flats	504 (as per per information submitted by the Project Proponent.No flats were mentioned in the previous Environment Clearance)		60		564	
12.	Population (when fully operational)	2820					
13.	Water Requirements & source in Construction Phase	10-15 KLD STP with in project					
14.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):						
	Sr. No.	Season	Fresh Water		Reuse water		
			Domestic	Fresh water) KLD	For Flushing purposes KLD	Green Area KLD	HVAC If any KLD
	1	Summer	381	254	127	31	--
	2	Winter	381	254	127	10	
3	Rainy	381	254	127	3		
15.	Source of Water	<ul style="list-style-type: none"> Treated waste water will be used in the construction (STP installed with in project) Earlier the permission from the CGWA has been obtained and now revised has been applied. Recirculation of treated water. 					
16.	Treatment & Disposal arrangements of waste water in Construction Phase	STP installed at Site In green area					

17.	Disposal Arrangement of Waste water in Operation Phase	Total =305 KLD, which will be treated in the STP of capacity 350 KLD to be installed in the project premises.																				
		<table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Season</th> <th>For Flushing purposes (KLD)</th> <th>Green Area sqm (KLD)</th> <th>MC Sewer if any (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>127</td> <td>31</td> <td>147</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>127</td> <td>10</td> <td>168</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>127</td> <td>3</td> <td>175</td> </tr> </tbody> </table>	Sr.No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	MC Sewer if any (KLD)	1.	Summer	127	31	147	2.	Winter	127	10	168	3.	Rainy	127	3	175
		Sr.No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	MC Sewer if any (KLD)																
		1.	Summer	127	31	147																
		2.	Winter	127	10	168																
3.	Rainy	127	3	175																		
18.	Rain water recharging detail	11316 m3/year rain water will be collected and/or 5 no. of recharging pits will be provided to recharge the rooftop rainwater of buildings after treatment through oil & Grease traps																				
19.	Solid waste generation and its disposal	a)1128 kg/day b) Solid wastes will be appropriately segregated (at source. by providing bins) into recyclable, Bio-degradable Components, and non- biodegradable. c) The MC, has issued the certificate vide letter no.525 dated 11/02/2015 to the effect that that solid waste will be lifted by the MC after paying adequate charges to the MC.																				
20	Hazardous Waste & E-Waste	1) Cat 5.1 Qty 25 ltr. 2) Any other Category Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed off as per the E-waste (Management) Amendment Rules, 2018.																				
21	Energy Requirements & Saving	a) 2950 KW from PSPCL. b) 2x500 KVA & 1x 125 KVA(silent DG sets) Energy Saving measures: <ul style="list-style-type: none"> Solar Light 15 No = 22.5 KWHD Common area (300) light bulbs(60W) replaced with LED 15 W = 162 KWHD Energy Saving @2200 KWH annually with 100 liters solar heated water use/day Energy Saved for use of 3000 lit hot water/day $5000 \times 2200/100 = 66000 \text{ KWH/year} = 180\text{KWHD}$ <ul style="list-style-type: none"> Total Energy saved/day 22+162+180 = 364.5 KWHD 																				
22	Environment Management Plan along with Budgetary break up phase wise and	During construction phase GM will be responsible and during operation phase, Director Will be responsible for implementation of the EMP.																				
		<table border="1"> <thead> <tr> <th>Description</th> <th>Capital Cost</th> <th>recurring Cost</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Description	Capital Cost	recurring Cost																	
Description	Capital Cost	recurring Cost																				

	responsibility to implement		(Rs)	(Rs)
		Construction	109 lac	17.90
		Operation		17.90
23	CER activities along with budgetary break up and responsibility to implement	<p>Director will be responsible for implementation of the CER activities. The details of the various CER activities, fund allocated and its completion schedule are as under:</p> <p>Widening of road in the vicinity of the project</p> <ul style="list-style-type: none"> ▪ The implementation of the CER will be responsibility of partner of the company ▪ Rs 15 lacs will be used for providing sanitary napkins in the government schools of Tehsil Derabassi. ▪ The activity will be started in March 2021 and will be completed before completion of project. 		
24	Other important facts (Applicable to EC projects only)	<p>a) Whether all the environmental monitoring parameter are within permissible limits prescribed for such type of projects. (Applicable to EC projects) : Yes</p> <p>b) The MC, has issued the certificate vide letter no.525 dated 11/02/2015 to the effect that that sewerage connection will be given after depositing requisite charges to the MC Sewer.</p>		

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Remarks
1.	The Project Proponent is required to submit proper energy conservation measures adopted by it.	Submitted
2.	The Project Proponent is required to show the NOC for Fire Fighting given by the MC.	The Project Proponent showed the provisional NOC issued by the fire station officer Dera Bassi vide letter no. 779 dated 28.12.2017.
3.	Whether the sewerage connection has been given by the MC to the Project Proponent for its existing project.	The project proponent submitted an undertaking to the effect that the MC sewerage connection is available to the project proponent.
4.	The project proponent is required to submit the revised	The project proponent submitted the same.

	rain water harvesting calculations.	
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SEAC was satisfied with the presentation and reply submitted by the project proponent.

After detailed deliberations, SEAC decided to award 'Silver Grading' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for expansion of the project namely "The Hermitage Park" having built-up area 74727 sqm (after expansion) in a total land area of 24773.42 sqm located at village Dhakouli, Zirakpur, SAS Nagar, (Punjab), as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant with, proposed measures, conditions prescribed conditions prescribed as under:-

I. Statutory compliance:

- i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightning, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction

materials prone to causing dust pollution at the site as well as taking out debris from the site.

- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.

III. Water quality monitoring and preservation

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape,

and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.

- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 381 KL/day, out of which fresh water demand of 254 KL /day shall be met through groundwater and remaining through recycling of treated waste water from their own STP. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- v) a)The total wastewater generation from the project will be 305 KL/day, which will be treated in STP to be installed within the project premises. As proposed, reuse of treated wastewater shall be as under:-

Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	MC Sewer KLD
1.	Summer	127	31	147
2.	Winter	127	10	168
3.	Rainy	127	03	175

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation
- vi) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

- ix) At least 20% of the open spaces as required by the local building bye-Laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- x) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- xi) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xii) The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.
- xiii) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

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

- vi) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- vii) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent 6 no. rain water harvesting recharge pits /storage tanks shall be provided for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.
- viii) All recharge should be limited to shallow aquifer.
- ix) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and available at site.
- x) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xi) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xii) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing, AC make up water and gardening. No treated water shall be disposed of into the municipal storm water drain.
- xiii) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xiv) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.

- xv) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

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

V. Energy Conservation measures

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

laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth

and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm (@ **310 trees** of native varieties) of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.
- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

VIII. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulation.

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

IX. Human health issues

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

X. Corporate Environment Responsibility

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 15 lacs (for the expansion) will be spent under CER activities for the following activities:-

- The implementation of the CSR will be responsibility of partner of the company Rs.15 lacs will be used for providing sanitary napkins in the government schools of Tehsil Derabassi.
 - Adopting of village pond of Corporate Environmental responsibilities as per condition of environment clearance.
 - The activity will be started in March 2021 and will be completed before completion of project.
- ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs 109 Lacs towards the capital cost and Rs 17.09 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs 17.90 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

XI. Validity

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.

XII. Miscellaneous

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

Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv) The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
- xvi) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986,

Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

Item No 196.09: Application for amendment in Environmental Clearance granted under EIA notification dated 14.09.2006 for the establishment of the Group Housing project namely Green Valley Tower at village- Gazipur, Zirakpur, Tehsil- Dera bassi, District- Mohali to M/s GVT Builders & Developers. (SIA/PB/MIS/179572/2020).

1.0 Background

The project proponent was granted Environmental Clearance for the establishment of the Group Housing project namely Green Valley Tower at village- Gazipur, Zirakpur, Tehsil- Dera bassi, District- SAS Nagar. The said environmental Clearance was granted for total land area of 12832.58 sqm and total built up area of 24235.39 sqm. vide letter No. SEIAA/MS/2014/2515 dated 30.08.2014. The said EC was valid for 7 years i.e. upto 29.08.2021. The Environment Clearance was granted for construction of 171 no. of flats and 7 no. of Shops.

Now, the project proponent has applied for obtaining amendment in the Environmental Clearance granted to it. The project proponent deposited the processing fee of Rs. 10,592 through NEFT on 17.10.2020. The project proponent submitted that earlier EC was granted for the built up area 24235.39 sqm sqm but the actual area inclusive of stilt, mumty and balconies comes out to be 29530 sqm. No other amendment is sought by the project proponent and all other details of the EC are correct.

2.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by SEAC in its 196th meeting held on 01.03.2021 and was attended by the following on behalf of the project proponent:

- i) Sh. Rajnish Singla, Business head and Sh. Deepak Gupta, Environmental Advisor.
- ii) Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali, Environmental Consultant of the project proponent.

SEAC raised following queries to the project proponent

Sr. No.	Observations	Remarks
1.	In the earlier approved layout plan, the no. of flats mentioned are 172 but earlier the Environment Clearance was granted for 171 no. of flats.	The project proponent submitted an undertaking to the effect that the no. of flats approved as per drawing were 172 but the total no. of flats constructed are 170.
2.	The built-up area of mumty balcony are not mentioned in the approved layout plan.	<ul style="list-style-type: none"> • Stilt area-4512.66 Sqm • Mumty and Balcony area- 783 Sqm

SEAC was satisfied with the reply submitted by the project proponent to the above queries.

After detailed deliberations SEAC decided to grant amendment in the EC granted to the project proponent vide no. SEIAA/MS/2014/2515 dated 30.08.2014 with total built up area 29530 Sqm and total no. of flats 170, with all other details remaining same in the EC, subject to additional condition given as under:

"The project proponent shall get new plan approved from the Local Govt. mentioning all the details as per amendments sought from SEIAA."

Item No 196.10: Application for amendment in Environmental Clearance granted under EIA notification dated 14.09.2006 for the establishment of the Group Housing project namely Acme Eden Court at Sector 91 Mohali District- Mohali by M/s Acme Builders Pvt Ltd. (SIA/PB/MIS/198258/2021).

1.0 Background

Earlier, the project was granted grant environmental clearance vide letter no.859 dated 14.02.2013 for expansion of the Group Housing Project namely "Acme Eden Court" in an area of 26614 sq.m and having total built up area as 66963.69 sq.m with total no. of flats as 326. Thereafter, project proponent obtained expansion in the said Environment Clearance vide no. SEIAA/2017/89 dated 23.01.2017 for the land area of 26312.63 Sqm and built up area 72579 Sqm having 343 flats.

Now the project proponent has applied for obtaining amendment in the Environmental Clearance granted to it vide no. SEIAA/2017/89 dated 23.01.2017. The project proponent deposited the processing fee of Rs. 4060 through NEFT on 23.02.2021. The project proponent submitted that due to change in current situation, the project proponent has sought to increase the no. of flats from 343 to 358. But the built up area and the total land area has decreased.

2.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by SEAC in its 196th meeting held on 01.03.2021 and was attended by the following on behalf of the project proponent:

- i) Sh. Nikhil Jaiswal, Senior Manager and Sh. Deepak Gupta, Environmental Advisor.
- ii) Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali, Environmental Consultant of the project proponent.

SEAC raised following queries to the project proponent

Sr. No.	Observations	Reply from the Project Proponent		
1.	The No. of flats is increasing by 15 units so why the project proponent has not applied in separate window under expansion category.	The project proponent submitted that the built-up area is decreasing by 2029 Sqm and land area is decreasing by 1030.68 Sqm. So, there is no expansion in the said case.		
2.	The project proponent is required to submit detail of the change in environmental load with the increase in no. of flats			
	Size of the project	26312.63 Sqm	-1030.68	25281.9
	Built up area	72579 sqm	- 2029 Sqm	70550 sqm
	Total no of flats	343 No	+ 15 No	358 No
	Power requirement & source	1950 KW From State Grid	--	1950 KW From State Grid

Total Domestic Water Requirement & Source	257 KLD & Ground Water	+12 KLD & Ground Water	269 KLD & Ground Water
Waste Water Generation	205 KLD	+10 KLD	215 KLD
Solid Waste Generation	686 Kg/Day	+30 Kg/Day	716 Kg/Day
D.G Sets	1x500 KVA,1x240 & 2x 125 KVA	---	1x500 KVA,1x240 & 2x 125 KVA
3.	Has the project proponent applied to CGWA for permission of abstraction of ground water.	In the earlier Environment Clearance, it was allowed to obtain fresh water from by M/s Janta Land Pvt. Ltd.	
4.	Whether M/s Janta Land Pvt. Ltd has obtained permission from CGWA.	The project proponent submitted that it will obtain separate permission from State Ground Water Regulatory Authority.	

SEAC was satisfied with the reply submitted by the project proponent to the above queries.

After detailed deliberations SEAC decided to grant amendment in the EC granted to the project proponent vide no. SEIAA/2017/89 dated 23.01.2017 with total built up area 70550 Sqm. in total land area of 25281.9 Sqm. having total no. of flats 358, subject to additional condition given as under:

"The project proponent shall obtain separate permission from Punjab Water Regulation and Development Authority for abstraction of ground water for meeting with total domestic requirement of the project."

Item No 196.11: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for setting up of new residential colony project namely "Suntec City by M/s the Indian Co-operative House Building Society Ltd, located at village Palheri (H.B. no. 173), Tehsil- Kharar and Village Raihmanpur (H.B no. 172), Tehsil- Majri, District- SAS Nagar, New Chandigarh, Punjab Proposal No. (SIA/PB/NCP/42854/2019)

1.0 Present case:

The project proponent has applied for issuance of TORs to M/s Suntec City for setting up of new residential colony project namely "Suntec City ", located at village Palheri (H.B. no. 173), Tehsil- Kharar and Village Raihmanpur (H.B no. 172), Tehsil- Majri, District- SAS Nagar, New Chandigarh, Punjab with proposed built-up area as 2,08,819.52 Sqm. Project is covered under Activity 8(b) as per EIA notification-2006.

The project proponent submitted the Form I (Appendix I),1A, Conceptual Plan and other additional documents on online portal. They have also deposited the processing fee amounting to Rs.52,205/- (25% of the total fee) through DD No. 004758 dated 13.12.2019 .

The application was scrutinized & essential details were sought on 12.01.2020 and 15.04.2020, to which the project proponent replied dated 27.02.2020 and 09.07.2020 respectively. The brief details are as under:

Sr. No.	Detail of the Document	Reply submitted by PP dated 12.01.2020
1.	Cost of the project duly certified by Chartered Engineer/ Approved valuer and Chartered Accountant	Rs 370 Cr, Certificate submitted
2.	Copy of the Master plan duly marked with project site.	Submitted.
3.	Pre-feasibility report/ conceptual Plan as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Submitted.
4.	Proof of ownership of land	MOA submitted in favour of Sh. Ajay Sehgal

Sr. No.	Detail of the Document	Reply submitted by PP dated 09.07.2020
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1.	Certificate of accreditation of EIA consultant	Consultant: P and M Solution Certificate No.NABET/EIA/1922/IA0053
2.	Copy of Memorandum of Article & Association / partnership deed /undertaking of sole proprietorship/list of Directors and names of other persons responsible for managing the day to day affairs of the project	MOA submitted in favor of Sh. Ajay Sehgal
3.	Submit a Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of the Master Plan of the area	Submitted.
4.	Undertaking for no litigation pending against the project.	No litigation is pending w.r.t. project, Undertaking submitted.

Environmental Engineer, PPCB, RO,SAS Nagar was requested vide email dated 15.09.2020 to send the construction status of the project site. However, the report was not sent by PPCB till the time of SEAC meeting.

The details of the project as given in Form 1, Pre-feasibility Report / Conceptual Plan, above EDS replies and other additional documents are as under:

Sr. no.	Description	Details	
1.	Name & Location of the project	M/s. The Indian Co-op House Building Society Ltd. at Village Palheri (H.B. No. 173), Tehsil Kharar and village Raihmanpur (H.B. No. 172), Tehsil Majri, Distt. SAS Nagar (Area 108.58 acres). New Chandigarh, Punjab	
2.	Project/activity	8(B)	
3.	Co-ordinates of all the corners of the project site as per following:		
	S.No.	Latitude	Longitude
	1.	30°47'40.11"N	76°41'42.76"E
	2.	30°47'41.38"N	76°41'40.67"E
	3.	30°47'26.04"N	76°41'7.23"E
	4.	30°47'22.05"N	76°41'7.36"E
	5.	30°47'28.91"N	76°41'12.53"E
	6.	30°47'14.41"N	76°41'9.72"E
	7.	30°47'6.62"N	76°41'15.94"E

	8.	30°47'8.30"N	76°41'19.70"E	
	9.	30°47'14.38"N	76°41'13.93"E	
	10.	30°47'16.23"N	76°41'24.71"E	
	11.	30°47'12.20"N	76°41'29.77"E	
	12.	30°47'4.14"N	76°41'42.25"E	
	13.	30°47'4.27"N	76°41'37.25"E	
	14.	30°47'11.87"N	76°41'42.42"E	
	15.	30°47'31.82"N	76°41'36.99"E	
	16.	30°47'31.54"N	76°41'41.51"E	
	17.	30°47'38.45"N	76°41'51.49"E	
	18.	30°47'22.28"N	76°41'15.37"E	
4.	Copy of the Master plan duly marked with the project site		Submitted	
5.	Copy of duly signed Layout plan		Submitted approved Layout plan vide Letter No. 5542-CTP(PB)/SP-454 dated 11-11-2016.	
6.	Pre-feasibility/ conceptual report		Submitted	
7.	Proof of ownership of land		Submitted	
8.	Details of CLU certificate		Submitted CLU by Department of Town & Country Planning, Punjab Memo no. 2629 CTP(PB)/SP-432 dated 03-06-16.	
9.	Copy of Memorandum of Article & Association.		Submitted Copy of Memorandum of Article in favor of Sh. Ajay Sehgal	
10.	Proposed ToRs (based on the standard ToRs)		Submitted	
11.	Classification/Land use pattern as per Master Plan		As per the New Chandigarh Master plan 2031 project falls in residential area.	
12.	Cost of the project		Rs. 370 Cr (Development 37.50 + Land 332.50) EDS reply submitted Dated: 12.01.2020	
13.	Processing Fee details (Amount/NEFT no./dated)		Amount Rs 52,205/- Ref No:183512003671 DD No: "004758" dated 13-12-2019	
14.	Detail of various components			
	S.no.	Description	Particulars	Unit
	1.	Plot Area (acres)	439407.67 sq.m. (108.58 acres / 43.94 Ha)	SQM

2.	Proposed Built Up Area	208819.52 sq.m	SQM
3.	Number of Building Blocks	557 (Plots) including Shopping, Education Site & EWS	Nos
4.	Total no of Saleable DU's	557 (Plots)	Nos
5.	Max Height of Building	28	Meter
6.	Max No of Floors	3	Nos
7.	Expected Population	13280	Persons
8.	Total Water Requirement	1647 Summer 1559 Winter 1532 Monsoon	KLD
9.	Freshwater requirement	1046	KLD
10.	Wastewater Generation	1307	KLD
11.	Proposed STP Capacity	2000	KLD
12.	Treated Water Available for Reuse	1176	KLD
13.	Rain Water Harvesting Potential	2805.06	CUM
14.	Proposed Total Parking	To be Done by individual flat owner	
15.	Surface Parking	To be Done by individual flat owner	ECS
16.	Basement Parking	Done by individual flat owner	ECS
17.	Required Green Area as per Plan	19837.69	SQM
18.	Proposed Green Area (7.195% as approved plan)	23791.47 Sq.m. as per approved plan	SQM
19.	Municipal Solid Waste Generation	5850	KG/DAY

	20.	Quantity of Hazardous Waste Generation		Not submitted			LTS/DAY	
	21.	Quantity of Sludge Generated from STP		Not submitted			KG/DAY	
15.	Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):							
	S.No.	Season	Freshwater		Reuse water		Total (KLD)	
			Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	
	1.	Summer	1046	642	470	172	---	1647
	2.	Winter	1046	526	470	56	---	1559
	3.	Rainy	1046	486	470	16	---	1532
	S.No.	Description		Source of water				
	1.	Domestic		Water will supplied by GAMADA				
	2.	Flushing purposes		Recycle water				
	3.	Green area		Recycle water				
16.	Details of acknowledgement of application filed to CGWA /Competent Authority for obtaining permission for abstraction of ground water			Not Applicable				
17.	Specify block of project site as per CGWA norms (Notified/Non Notified)			Non- Notified				
18.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Construction Phase			Not submitted Qty Details of Wastewater generation. During Construction: Septic tank followed by soak pit				
19.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Operation Phase			Total wastewater generation will be 1307KLD which will be treated in proposed STP of 2000KLD based on SBR technology to be installed within project premises. The details of the breakup of the utilization of wastewater is as under:-				
		Season	Flushing (KLD)	Green area (KLD)	Disposal in GMADA Sever			

					(KLD)												
		Summer	470	172	534												
		Winter	470	56	650												
		Monsoon	470	16	690												
		NOC regarding permission for disposal of treated water in proposed Sewer Line of GMADA vide letter dated : 11.01.2019															
20.	Details of Rainwater recharging/Harvesting(m ³ /hr) proposal & technology proposed to be adopted	Total Rain Water: 2805.06 Cum/hr Harvesting pit and Tank total capacity: 137 cum No. of Pits proposed 21															
21.	Details of Solid waste generation (Qty), treatment facility and its disposal arrangement	5850.3 Kg/day during operation Treat as per the Solid Waste Management Rule 2016. GAMADA waste treatment facility															
22.	Details of Hazardous Waste&E-Waste generation (Qty), Treatment facility, and its disposal arrangement	Project Proponent informed that it is a residential project, hence, no Hazardous and E-Waste generated, A very less amount will be generated that will be treated as per the Solid Waste Management Rule 2016.															
23.	Detail of DG sets	Individual plot owners will make their own arrangement, 25 kVa D.G. will be provided to power failure.															
24.	Air pollution control device details	Water sprinkler will be used at site for regular water sprinkling															
25.	Energy Requirements & Saving	50. Nos of Solar Light, Energy-saving equipments Solar water heater will be used.															
26.	Details of Environmental Management Plan	<table border="1"> <thead> <tr> <th>Sr.No</th> <th>Environmental Protection Measures</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Monitoring of Environment components</td> <td>--</td> <td>3</td> </tr> <tr> <td>2</td> <td>Water Conservation measures</td> <td>500</td> <td>20</td> </tr> </tbody> </table>				Sr.No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1.	Monitoring of Environment components	--	3	2	Water Conservation measures	500	20
Sr.No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh														
1.	Monitoring of Environment components	--	3														
2	Water Conservation measures	500	20														

		3	Energy Conservation Measures	6	0.5
		4.	Green Belt Development	215	5
		5.	Solid Waste Management	5	2
			Total	726	30.5
27.	<p>a. Details of Corporate Environmental Responsibility (CER) indicating various activities to be undertaken as per the provision of OM dated 01.05.2018</p> <p>b. Details of NOC from the village Sarpanch, Certificate from the School Principal & concerned Govt. Departments etc.</p>	<p>Corporate Environment Responsibility (CER) Budget towards capital expenditure in accordance with the MoEF&CC's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018 for Social Welfare.</p> <p>The estimated cost of the project is Rs 370 Crores 2% of the project cost has been earmarked for the Corporate environment Responsibility (CER) to meet expenditures for the stakeholders as per social impact assessments. As per the commitment made during the public hearing an amount of Rs. 7.4 Crores will be spent</p> <p>Timeline and CER activity will be done at the time of EIA study</p>			
28.	<p>Details of green belt development shall include the following:</p> <p>a) No. of tree to be planted against the requisite norms.</p> <p>b) Percentage of the area to be developed.</p>	<p>a) No. of trees will be examined during the EIA Study</p> <p>b) 7.195 %(5.897 Acre/ 23791.47 Sq.m.) as per approved plan and 7526.54 additional.</p>			

2.0 Deliberations during the 193rd meeting of SEAC held on 26.09.2020

The meeting was attended by Sh. Ajay Sehgal, Director of the company and Mr. S. Brahma, Environmental Consultant, M/s Shivalik Solid Waste Management Ltd., Zirakpur. Environmental Consultant of the promoter company was not allowed to make a presentation for the proposal before SEAC as the construction status report was not sent by PPCB till the time of the meeting.

After detailed deliberations, SEAC decided to defer the case and the same shall be placed in the next meeting of SEAC after getting the construction status report from PPCB.

In compliance with the above decision, the Member Secretary, PPCB, was requested vide email dated 19.10.20 to send the construction status of the project site. However the report is yet awaited.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The meeting was attended by Sh. Devipal Sharma, Manager from the promoter company, Ms. Shivani Dutt & Sh. Suryakant Srivastva, Environment Consultant from M/s P & M Solutions Consultancy Services.

SEAC was apprised that construction status report from the PPCB has not yet received.

Environmental Consultant of the promoter company was not allowed to make a presentation for the proposal before SEAC as the construction status report was not sent by PPCB till the time of the meeting.

After detailed deliberations, SEAC decided to defer the case and the same be placed in the next meeting of SEAC after getting the construction status report from PPCB.

4.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by SEAC in its 196th meeting held on 01.03.2021 and same was attended by following:

1. Sh. Devi Pal Sharma, representative of the Project Proponent.
2. Ms. Shivani Dutt, M/s P & M solutions, Noida.

It is submitted that the Punjab Pollution Control Board vide letter no. 4185 dated 23.10.2020 has sent latest construction status report which was placed before SEAC for consideration. SEAC perused the report and observed that the site of the project was visited by the Regional Office of the Punjab Pollution Control Board on 25.09.2020 and it was observed that the project proponent had laid sewer and inner roads in one pocket only i.e. approximately 4-5% of the total area. SEAC further observed that the project proponent afforded an opportunity of personal hearing before the Chairman of the Board on 01.07.2019 due to the reason that the project proponent had started construction without obtaining Environmental Clearance under the EIA notification dated 14.09.2006. After hearing it was decided as under:

1. The promoter company shall not carryout any development work at proposed site without getting environmental clearance as required under EIA notification no. S.O.4533 E dated 14.09.2006.
2. The promoter company shall furnish a bank guarantee amounting to Rs. 10.00 lacs which shall be valid for atleast one year, to the Environmental Engineer, Regional Office, SAS Nagar within 7 days as an assurance to not to carryout any development work at site without getting environmental clearance as required under EIA notification dated 14.09.2006 as well as assurance to comply with the various environmental Laws/Rules.
3. The NOC applied by the promoter company be granted (after the submission of said bank guarantee) subject to the specific condition that the promoter company shall not carryout any development/construction work at site without getting environmental clearance as required under EIA notification dated 14.09.2006.

SEAC observed that as per EIA Notification dated 14.09.2006, the project proponent was required to obtain Environmental Clearance before starting any construction activity. But in the present case, the project proponent has already laid sewer and inner roads in one pocket only which is 4-5% of the total area. However, SEAC was of the view that laying of sewer and internal roads in one pocket is a minor construction activity and no major civil construction has been constructed by the project proponent. Moreover, Chairman, Punjab Pollution Control Board has already granted NOC to the project proponent after giving personal hearing on 01.07.2019.

SEAC further observed that the window for considering violation cases given by MoEF&CC, GoI had already expired on 13.04.2018 and thereafter no specific instruction for dealing with violation cases have been issued by MoEF&CC.

In view of above observations, SEAC after due deliberations decided to forward this case to SEIAA with the recommendation to allow SEAC to process cases of minor violation in the interest of development of State and to avoid unnecessary litigation.

Item No.196.12: Application for issuance of Environmental Clearance to M/s Behari Lal Ispat Pvt. Ltd. for expansion in existing steel manufacturing unit by replacement of 1 no. Induction Furnace (7TPH) having production capacity 29,520 TPA with 2 no. IFs (2x15 TPH) with total proposed capacity 1,29,600 TPA and concast plant located at Village- Salani, Amlloh Road, Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab (Proposal No. SIA/PB/IND/60322/2018)

1.0 Background

The project proponent was issued ToR under the EIA notification dated 14.06.2006 for expansion in the steel manufacturing unit by replacement of 1 no. Induction Furnace (7TPH) having production capacity 29,520 TPA with 2 no. IFs (2x15 TPH) with total proposed capacity 1,29,600 TPA and concast plant located at Village- Salani, Amlloh Road, Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab vide no. SEIAA/2018/380 dated 21.03.2018.

2.0 Present Case

Now, the industry has submitted the EIA report which is placed before the Committee.

The industry has also submitted the requisite fee Rs. 1, 97,500/- through online on dated 01.02.2021 vide no. – 32211390759097.

3.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was again considered by the SEAC in its 196th meeting held on 01.03.2021 and was attended by the following:

- i) Sh. Dinesh Garg, Director of the promoter company.
- ii) Mr. S. Dutta, FAE from M/s Chandigarh Pollution Testing Lab

Environmental Consultant of the promoter company made the presentation for proposal before SEAC. The salient features of the project are given as under:

1.	Name of the project Correspondence address :	M/s Behari Lal Ispat Pvt. Ltd. Village- Salani, Amlloh road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab
2.	Online Proposal No.	SIA/PB/IND/60322/2018
3.	Nature of project	EC for existing & proposed project
4.	a) Category b) Activity	(a) B-1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.
5.	a. Whether the project falls in the critical polluted area as notified by	No

	MoEF&CC/CPCB. (Yes/No) b. If no, then details of the distance of project site from the boundary of critically polluted area verified by the Regional Office of SPCB.	Submitted																																						
6.	a. Total Project Cost (In Crores) : b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	a. Total Project Cost (In Crores) : Rs. 19.75 Crore b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant is following:																																						
		<table border="1"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Existing (Rs. in Crores)</th> <th>Proposed (Rs. in Crores)</th> <th>Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total Cost of Land</td> <td>1.09</td> <td>--</td> <td>1.09</td> </tr> <tr> <td>2</td> <td>Building</td> <td>3.24</td> <td>1.26</td> <td>4.50</td> </tr> <tr> <td>3</td> <td>Plant & Machinery</td> <td>4.58</td> <td>7.33</td> <td>11.91</td> </tr> <tr> <td>4</td> <td>APCD</td> <td>0.12</td> <td>0.70</td> <td>0.82</td> </tr> <tr> <td>5</td> <td>Miscellaneous</td> <td>0.72</td> <td>0.71</td> <td>1.43</td> </tr> <tr> <td colspan="2">Total cost of project</td> <td>9.75</td> <td>10.0</td> <td>19.75</td> </tr> </tbody> </table>				S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)	1	Total Cost of Land	1.09	--	1.09	2	Building	3.24	1.26	4.50	3	Plant & Machinery	4.58	7.33	11.91	4	APCD	0.12	0.70	0.82	5	Miscellaneous	0.72	0.71	1.43	Total cost of project		9.75	10.0	19.75
S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)																																				
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Total cost of project		9.75	10.0	19.75																																				
7.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	Fee amount of Rs. 1, 97,500/- has been submitted through online on dated 01.02.2021 vide no. - 32211390759097.																																						
8.	Details of technology proposed for control of emissions & effluents generated from project	S. No.	Details of proposed APCD/STP/ETP/ZLD/ Continuous online monitoring system	Technology to be adopted by new unit/After expansion	Capacity of proposed technology																																			

		1	APCD	Pulse jet bag filter with Offline cleaning technology	--
		2	STP	MBBR technology	25 KLD
		3	ETP	--	--
		4	ZLD Technology	--	--
		5	Continuous online emission/effluent monitoring system	--	--
		6	Any other	--	--
		Total			
9.	Co-ordinates of all the corners of the project site	Point	Latitude	Longitude	
		A	30°38'00.20"N	76°15'20.33"E	
		B	30°38'04.27"N	76°15'17.30"E	
		C	30°38'06.62"N	76°15'24.20"E	
		D	30°38'04.45"N	76°15'25.89"E	
10.	Plot Area Details	AREA DETAIL			
		Particulars		Area in m2	
		Shed Covered Area		14105.48	
		Office Block Covd Area		214.77	
		Stores rooms, Kitchen/Canteen, First Aid room, Toilet Block etc.		898.97	
		Plantation Area		16171.00	
		Passage Area		6040.89	
		Total Parking area		2225.72	
		Open Area and Other Area		9265.75	
		TOTAL AREA		48922.58	

11.	a. Type of project land as per master plan (Industrial/Agriculture/Any other)	As per letter no. 159 dated 12.02.2019 issued by the District Town Planer, the site falls in the Industrial Zone
12.	Details of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB	Submitted
13.	Details of valid consent to operate under Air & Water Act	Consent to Operate has been obtained from PPCB under the Water (Prevention & Control of Pollution) Act, 1974 vide Letter No. CTOW/Varied/FGS/2016/4639742 dated 08.11.2016; valid till 30.06.2021 and the Air (Prevention & Control of Pollution) Act, 1981 vide Letter No. CTOA/Varied/FGS/2016/4639757 dated 08.11.2016; valid till 30.06.2021.
14.	Details of verified compliance report from SPCB to the conditions of existing consent to operate under Air act, 1981 & Water Act, 1974 (Letter no. & dated from SPCB)	Submitted
15.	ToR compliance report (Submitted/ not submitted)	Submitted
16.	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted	Submitted
17.	a. Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the	(a) No

	<p>project, if so, details there of shall also be included.</p> <p>b. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.</p>	(b) No				
18.	Raw material details:	S. No	Raw Materials	Existing (TPA)	Proposed (TPA)	Total (TPA)
		1.	MS Scrap	32,150	1,40,200	1,40,200
		2.	Ferro Alloys	216	3000	3000
19.	Production Capacity details:	Product Name		Existing (TPA)	Additional (TPA)	Total (TPA)
		Steel Ingots/billets, Steel Castings, Steel Roll		29,520 TPA	1,00,080 TPA	1,29,600 TPA
20.	Details of major productive machinery/plant:	S.No.	Description	Existing	Proposed	After Expansion
		1.	Induction Furnace	1 X 7 TPH	2 X 15 TPH	2X15 TPH
		2.	L.R.F, VD	---	1No. each	1No. each
		3.	Concast Machine	---	1 No.	1 No.
		4.	Heat treatment Furnace	2 No.	2 No.	4 No.
		5.	D.G. Set	125 kVA	--	125 kVA

		6.	Scrap Cutting Machine	1 No.	---	1 No.
		7.	Scrap Bending Press	---	01 No.	01 No.
		8.	Recircularly Cooling	02 No.	---	02 no.
		9.	EOT Crane	01 No.	01 No.	02 No.
21.	Manpower requirement (After expansion)	200				
22.	Details of Emissions (After expansion)	Existing				
		S. No.	Source of stack emission	Capacity	Stack height (m)	APCD
		1.	Induction Furnace	7 TPH	30m above ground level	Bag Filter House
		2.	D.G. Set	125 kVA	2.5m above roof level	---
		After Expansion				
		3.	Induction Furnace	1X15 TPH	30m above ground level	Pulse Jet bag filter with offline cleaning technology.
		4.	D.G. Set	---	2.5m above roof level	---
23.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly	S. No.	Waste Category	Existing	After Expansion	Disposal
		1.	35.1 Flue gas Cleanin	3 TPA	280 TPA	Waste will be disposed to M/s Shiva Tile works.

	mentioning the Quantity		g residue			
		2	5.1 Used oil/Spent oil	0.02 kl/Annun	0.02kl / Annun	Authorized Recyclers/Lubricant within the industry
24.	Solid Waste generation and its mode of disposal:	Details	Existing Qty	Proposed Quantity	Total Quantity after expansion	Disposal method
		Solid Waste			8 Kg/Day	
		Slag			21.34 TPD	M/s Shiva Tile Works
		Any other				
25.	Waste water generation & its disposal Arrangement in Operation Phase:	S. No.	Description	Existing	After Expansion	Mitigation Measures/Remarks
		1.	Industrial Effluent	NIL	NIL	NIL
		2.	Domestic	4 KLD	10.8 KLD	STP of 25.0 KLD will be installed & treated water used in Plantation/Green area
26.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	The project site falls in Amloh block which is notified by CGWA.				
27.	Breakup of Water Requirements & its source in Operation Phase:	S. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)
		1.	Domestic water demand	5.0	8.5	13.5
		2.	Make up water demand for cooling	2.0	40.0	42.0

			purpose				
			Total	7.0	48.5	55.5	
		3.	Green area water demand	Summer: 89.0 KLD, Winter: 29.0 KLD, Rainy: 8 KLD			
		Sources of water:					
		S.No.	Purposes	Source of water			
		1.	Domestic	Ground water			
		2.	Make-up water demand for cooling	Treated water			
		4.	Green area water demand	Treated water			
28.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Submitted.					
29.	Rain Water utilization proposal during monsoons (Submitted/Not Submitted)	Submitted.					
30.	Rain Water Harvesting proposal (within/outside premises) alongwith NOC from concerned village sarpanch (Submitted/Not Submitted)	<p>Outside: The industrial unit has adopted one village pond for rain water harvesting at Village Salani. The total recharge potential will be 39982 m³. Further, all the waste water of nearby Salani village which will be directed towards the village pond will be first treated in trenches through CSIR-NEERI's Phytoid waste water treatment technology and overflow water will be discharged into the pond.</p> <p>Inside: - a tank of 25 KLD is proposed for inside rain water harvesting using roof top of the project site.</p>					
31.	Block wise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):	Description	Area (m2)	No. of plants			
		Green area-A	12820	1922			
		Green area-B	670	100			
		Green area-C	856	128			
		Green area-D	223	33			
		Green area-E	651	98			
		Green area-F	298	45			
		Green area- G	47	7			
		Green area- H	326	49			
		Green area- I	280	42			
		Total	16171	2424			
32.	a. Energy requirements & savings:	a. The details of the energy are given below:					
		S. No	Description	Unit	Existing	Proposed	Total

	b. Energy saving measures to be adopted within industry:	<table border="1"> <tr> <td>1.</td> <td>Power load</td> <td>KW</td> <td>4000</td> <td>15000</td> <td>19000</td> </tr> <tr> <td>2.</td> <td>D.G sets</td> <td>KV A</td> <td>125kVA -01 No.</td> <td>---</td> <td>125kVA -01 No.</td> </tr> <tr> <td></td> <td>Any other</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </table> <p>Energy Saving measures:</p> <p>a) LEDs will be used in place of CFL b) Solar lights will be used for lighting the streets</p>	1.	Power load	KW	4000	15000	19000	2.	D.G sets	KV A	125kVA -01 No.	---	125kVA -01 No.		Any other	--	--	--	--																														
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33.	a. EMP Budget details b. Details of Environment Management Cell (EMC) responsible for implementation of EMP	<p>a. EMP budget details :</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Title</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage</td> <td>5.0</td> <td>-</td> </tr> <tr> <td>2</td> <td>Air Pollution Control (Installation of APCD)</td> <td>110.0</td> <td>10.0</td> </tr> <tr> <td>3</td> <td>Water Pollution Control/ STP up-gradation</td> <td>25.0</td> <td>2.0</td> </tr> <tr> <td>4</td> <td>Noise Pollution Control</td> <td>1.0</td> <td></td> </tr> <tr> <td>5</td> <td>Green Belt management</td> <td>6.5</td> <td>2.0</td> </tr> <tr> <td>6</td> <td>Solid Waste Management</td> <td>4.0</td> <td>0.5</td> </tr> <tr> <td>6</td> <td>Environment Monitoring and Management</td> <td>4.0</td> <td>0.5</td> </tr> <tr> <td>7</td> <td>Occupational Health, Safety and Risk Management</td> <td>5.0</td> <td>0.6</td> </tr> <tr> <td>8</td> <td>RWH</td> <td>6.0</td> <td>0.5</td> </tr> <tr> <td>9</td> <td>Miscellaneous</td> <td>5.0</td> <td>-</td> </tr> <tr> <td></td> <td>TOTAL</td> <td>171.5</td> <td>16.1</td> </tr> </tbody> </table> <p>A duly constituted EMC comprises the following:</p> <ol style="list-style-type: none"> Owner/ Director GM (Works) 	S. No	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1	Pollution Control during construction stage	5.0	-	2	Air Pollution Control (Installation of APCD)	110.0	10.0	3	Water Pollution Control/ STP up-gradation	25.0	2.0	4	Noise Pollution Control	1.0		5	Green Belt management	6.5	2.0	6	Solid Waste Management	4.0	0.5	6	Environment Monitoring and Management	4.0	0.5	7	Occupational Health, Safety and Risk Management	5.0	0.6	8	RWH	6.0	0.5	9	Miscellaneous	5.0	-		TOTAL	171.5	16.1
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		3. Environment Consultant																																																						
34.	Details of the activities proposed to be covered under CER be provided in below format:	<p>The company has earmarked Rs. 10.0 lakhs towards the Corporate Environment Responsibility for undertaking the environmental activities as per MoEF & CC OM dated 1st May, 2018 & the issues raised during Public Hearing. The activities are as follows:- :</p> <table border="1"> <thead> <tr> <th rowspan="2">S. N.</th> <th rowspan="2">Activity</th> <th rowspan="2">Environment Aspect</th> <th rowspan="2">Cost in Lacs</th> <th colspan="2">Timeline</th> </tr> <tr> <th>Start</th> <th>End</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Water Coolers and Filters for school and hospital</td> <td>Health and Sanitation</td> <td>2.0</td> <td>As & when required</td> <td>-</td> </tr> <tr> <td>2.</td> <td>Repairing of roofs of classrooms</td> <td>infrastructure</td> <td>0.5</td> <td>March, 2021</td> <td>September, 2021</td> </tr> <tr> <td>3.</td> <td>Lecture stand and Dustbins for School</td> <td>infrastructure</td> <td>0.5</td> <td>As & when required</td> <td>-</td> </tr> <tr> <td>4.</td> <td>Operation theater with well equipments</td> <td>infrastructure</td> <td>2.0</td> <td>March, 2021</td> <td>October, 2021</td> </tr> <tr> <td>5.</td> <td>Hospital Beds and Chairs</td> <td>infrastructure</td> <td>1.0</td> <td>As & when required</td> <td>-</td> </tr> <tr> <td>6.</td> <td>Providing Ambulances to hospital</td> <td>Aesthetic</td> <td>1.5</td> <td>As & when required</td> <td>-</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>10.0</td> <td></td> <td></td> </tr> </tbody> </table>					S. N.	Activity	Environment Aspect	Cost in Lacs	Timeline		Start	End	1.	Water Coolers and Filters for school and hospital	Health and Sanitation	2.0	As & when required	-	2.	Repairing of roofs of classrooms	infrastructure	0.5	March, 2021	September, 2021	3.	Lecture stand and Dustbins for School	infrastructure	0.5	As & when required	-	4.	Operation theater with well equipments	infrastructure	2.0	March, 2021	October, 2021	5.	Hospital Beds and Chairs	infrastructure	1.0	As & when required	-	6.	Providing Ambulances to hospital	Aesthetic	1.5	As & when required	-	TOTAL			10.0		
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TOTAL			10.0																																																					
35.	Project area involves forest land,	No																																																						
36.	Traffic Study Details:	Road	V	C	V/C Ratio	LOS																																																		

		Point 'A' (Mandi-gobindgarh-Amloh Road)	574	2400	0.24	B
		Point 'B' (near Radha Swami Satsang Bhawan Beas)	590	2400	0.25	B

After the discussions, SEAC made certain observations to which project proponent replied as under:

S. No.	Query	Reply
1.	The Project Proponent shall submit layout plan having complete details of the green area to be developed considering the requirement of 33% of the land area to be reserved for the development of green area.	Submitted
2.	The project proponent shall submit undertaking to the effect that the motors to be installed will be energy efficient.	Submitted
3.	The project proponent shall submit the agreement with M/s Shiva Tiles Works, Village Jalalpur, Amloh Road, Mandi Gobindgarh by mentioning the quantity of slag within 48 hours.	Submitted
4.	The industry shall submit revised agreement with M/s Madhav Alloys Pvt. Ltd. by mentioning the quantity of APCD dust within 48 hours	Submitted

SEAC was satisfied with the presentation and reply given to the above observations & took a copy of the presentation along with reply on record.

4.0 Recommendations

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B1, Activity 3(a) as per EIA notification 2006 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for expansion for steel Manufacturing unit of M/s Behari Lal Ispat Pvt. Ltd. for replacement of 1 no. existing induction furnace of 7 TPH capacity having production of 29,520 TPA with 2 no. induction furnaces of 15 TPH capacity each having proposed production of 1,29,600 TPA and concast plant located Village- Salani, Amloh road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab as per the details mentioned in the Form 2, EIA report, EMP & subsequent presentation /clarifications made by the Project Proponent and his Consultant subject to conditions as under: -

Conditions to be imposed in the Environmental Clearance:

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

- vii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- viii. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.

- viii. Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.
- ix. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. The project proponent shall adhere to 'Zero Liquid Discharge'.
- iii. Sewage Treatment Plant of capacity 25 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- v. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at village Salani, Amloh Road, Mandi Gobindgarh having recharge potential of volume @ 26655 m³ shall be adopted to recharge the water @ 39982 m³/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
- vi. A tank of 25 KLD shall be constructed for inside rain water harvesting using roof top of the project site.

- vii. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
- ii. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iii. The project proponent shall provide the for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i) Green belt shall be developed in an area of 16171 Sqm (equal to 33% of the plant area) with tree species in accordance with SEIAA guidelines. Total 2424 trees to be planted without accounting the shrubs. Out of 2424, 724 trees have already been planted like Amaltas, Arjun, Jamun, Mulberry, Mango, Amla, Popular and the balance

1700 more trees of species of Jamun, Arjun, Ashoka, Sagwan will be planted in coming monsoon season.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The organization will spend Rs. 10.0 lakhs towards the Corporate Environmental Responsibility for undertaking the environmental activities as defined in CER circular issued by MoEF &CC. The amount will be spent in Parbhat Puri Charitable Hospital, Mandi Gobindgarh, following CER activities:

Sr. No.	Activity	Environment Aspect	Cost (Rs. Lac)	Timeline	
				Start	End
1.	Maruti Omni MPI Ambulance	Infrastructure	5.0	August 2021	-----
2.	Equipment for operation theatre	Infrastructure	2.0	Feb. 2022	April 2022
3.	Hospital beds	Infrastructure	1.0	July 2022	August 2022
4.	Wheel Chairs	Infrastructure	1.0	November 2022	December 2022

5.	Water coolers and filters	Health and Sanitation	1.0	June 2023	July 2023
TOTAL			10.0		

However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the proposal submitted by the project proponent. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions to all / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 171.05 Lacs towards the capital cost and Rs 16.1 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan.

Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	5.0	--
2.	Air Pollution Control (Installation of APCD)	110.0	10.0
3.	Water Pollution Control/ STP up-gradation	25.0	2.0
4.	Noise Pollution Control	1.0	---
5.	Green belt Development	6.5	2.0
6.	Solid Waste Management	4.0	05
7.	Occupational Health, Safety and Risk Management	5.0	06

8.	RWH	6.0	0.5
9.	Miscellaneous	5.0	--
	Total	171.5	16.1

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

- v. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

XI. Validity

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier

XII. Miscellaneous

- i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv) The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the

Ministry of Environment, Forest and Climate Change at environment clearance portal.

- vi) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii) The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
- xiv) The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.
- xv) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other

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

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

XIII. Additional Specific Conditions decided during the meeting of SEAC:

- i) The project proponent shall install Side Suction Hood followed by Pulse-jet Bag filter with offline cleaning technology as APCD as per the amount indicated in the revised Environment Management Plan. Further, they will upgrade existing APCD of flow rate 36000m³/hr to 75000m³/hr for 1no. proposed induction furnace (15TPH) and will install separate Air Pollution Control Devices (Pulse jet bag filter with offline cleaning technology) for another two proposed Induction Furnaces of 15 TPH capacity each. The flow rate for each APCD will be 75000m³/hr.
- ii) The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
- iii) The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet & outlet of APCD before stack) and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv) The project proponent shall obtain NOC from CGWA for abstraction of ground water @ 55.50 KLD to meet the requirement of Industrial, domestic & green belt.
- v) The project proponent shall construct rain water tank of capacity 25KLD to store rain water run off generated from the roof top during monsoon season within its premises.
- vi) The project proponent shall dispose of slag @ 21.34 TPD as per the agreement made with the interlocking tile manufacturing units.
- vii) The project proponent shall dispose of APCD dust @ 0.8 TPD to M/s Madhav Alloys Pvt. Ltd.
- viii) The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

- ix) The project proponent shall provide STP of 25KLD for treatment of waste water & reutilization of the treated water for non- portable use so as to achieve the zero liquid discharge condition as per the III (iv) of OM dated 09.08.2018 issued by the MoEF&CC for such units.
- x) The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
- xi) The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. Atleast 3 samples i.e one from within the premises and two from outside the premises of the project shall be taken.
- xii) The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking. The area to be reserved by considering the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
- xiii) The project proponent shall comply with the standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xiv) Whole of the vehicle movement area as well as approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete road to control the dust emissions expected from the vehicle movement.
- xv) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same.
- xvi) The project proponent shall adopt green technologies to conserve water & energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xvii) The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xviii) The project proponent shall take necessary action w.r.t. the following: -
 - a) Recovery of iron from slag before disposing of it.

- b) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/road laying etc.

Item No.196.13: Application for issuance of Environmental Clearance to M/s Nidhi Steel Industries for expansion in existing steel manufacturing unit by replacement of 1 no. Induction Furnace (6TPH) having production capacity 27,300 TPA with 1 no. (10 TPH) and proposed capacity after expansion 50,400 TPA located at Village- Alour, Bhadla Road, Tehsil Khanna, District- Ludhiana, Punjab (Proposal No. SIA/PB/IND/60420/2018)

1.0 Background

The project proponent was issued ToR under the EIA notification dated 14.06.2006 for expansion in the steel manufacturing unit by replacement of 1 no. Induction Furnace (6TPH) having production capacity 27,300 TPA with 1 no. IF (10 TPH) with total proposed capacity 50,400 TPA located at Village- Alour, Bhadla Road, Tehsil Khanna, District- Ludhiana, Punjab vide no. SEIAA/2018/190 dated 26.02.2018.

2.0 Present Case

Now, the industry has submitted the EIA report which was placed before the Committee. The industry has also submitted requisite fee of Rs. 52,700/- has been submitted through online on dated 09.02.2021 vide no. – 520101262451298.

3.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was again considered by the SEAC in its 196th meeting held on 01.03.2021 and was attended by the following:

- i) Sh. Rajinder Kumar Singi, Director of the promoter company.
- ii) Mr. S. Dutta, FAE from M/s Chandigarh Pollution Testing Lab

Environmental Consultant of the promoter company made the presentation for proposal before SEAC. The salient features of the project are given as under:

1.	Name of the project	M/s Nidhi Steel Industries Village- Alour, Bhadla road, Khanna, District- Ludhiana
2.	Online Proposal No.	SIA/PB/IND/60420/2018
3.	Nature of project	EC for existing & proposed project
4.	a) Category	B-1
	b) Activity	Metallurgical Industries (ferrous & non ferrous) (8), Schedule 3(a) as per EIA notification-2006.
	c. Whether the project falls in the critical polluted	No

	<p>area notified by MoEF&CC/CPCB.</p> <p>d. If no, then details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB.</p>	Submitted.																														
5.	<p>a. Total Project Cost (In Crores) :</p> <p>b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant</p>	<p>a. Total Project Cost : Rs. 5.27 Crore</p> <p>b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant is following:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Existing (Rs. in Crores)</th> <th>Proposed (Rs. in Crores)</th> <th>Total (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total Cost of Land & land area after expansion</td> <td>0.23</td> <td>--</td> <td>0.23</td> </tr> <tr> <td>2</td> <td>Building</td> <td>0.36</td> <td>0.30</td> <td>0.66</td> </tr> <tr> <td>3</td> <td>Plant & Machinery</td> <td>2.85</td> <td>1.07</td> <td>3.92</td> </tr> <tr> <td>4</td> <td>APCD</td> <td>0.08</td> <td>0.38</td> <td>0.46</td> </tr> <tr> <td colspan="2">Total cost</td> <td>3.52</td> <td>1.75</td> <td>5.27</td> </tr> </tbody> </table>	S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total (Rs. in Crores)	1	Total Cost of Land & land area after expansion	0.23	--	0.23	2	Building	0.36	0.30	0.66	3	Plant & Machinery	2.85	1.07	3.92	4	APCD	0.08	0.38	0.46	Total cost		3.52	1.75	5.27
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6.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	Fee amount of Rs. 52,700/- has been submitted through online on dated 09.02.2021 vide no. - 520101262451298.																														
7.	Details of technology proposed for control of emissions & effluents generated from project	Air Pollution Control Technology – Pulse Jet Bag Filter Water Pollution Control Technology – MBBR (8 kld)																														
8.	Co-ordinates of all the corners of the project site	<table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>30°40'54.70"N</td> <td>76°16'16.11"E</td> </tr> <tr> <td>B</td> <td>30°40'52.72"N</td> <td>76°16'14.44"E</td> </tr> <tr> <td>C</td> <td>30°40'52.72"N</td> <td>76°16'12.37"E</td> </tr> <tr> <td>D</td> <td>30°40'56.91"N</td> <td>76°16'12.44"E</td> </tr> </tbody> </table>	Point	Latitude	Longitude	A	30°40'54.70"N	76°16'16.11"E	B	30°40'52.72"N	76°16'14.44"E	C	30°40'52.72"N	76°16'12.37"E	D	30°40'56.91"N	76°16'12.44"E															
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9.	Plot Area Details	AREA DETAIL(Sqm)	
		Total Plot Area	8447.95
		Shed Covd Area	2852.04
		Office Block Covd Area	247.95
		Labour QRS/ Toilet Block Time RM. & Meter RM. Etc. Covd Area	107.80
		Plantation Area	2788.10
		Road Area	1579.92
		Total Parking Area	711.71
		Open Area	160.40
10.	<p>a. Type of project land as per master plan (Industrial/Agriculture/Any other),</p> <p>b. If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)</p>	The project proponent has obtained CLU vide letter no. 1961 dated 22.09.2009.	
11.	Details of Consent to Establish/No Objection Certificate and Consent to	Submitted.	

	Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB	
12.	Details of valid consent to operate under Air & Water Act	Consent to Operate has been obtained from PPCB under the Water (Prevention & Control of Pollution) Act, 1974 vide Letter No. CTOW/Renewal/LDH2/2017/5675842 dated 19.06.2017; valid till 30.09.2022 and the Air (Prevention & Control of Pollution) Act, 1981 vide Letter No. CTOA/ Renewal /LDH2/2017/5707252 dated 19.06.2017; valid till 30.09.2022.
13.	Details of verified compliance report from SPCB to the conditions of existing consent to operate under Air act, 1981 & Water Act, 1974 (Letter no. & dated from SPCB)	Submitted
14.	ToR compliance report (Submitted/ not submitted)	Submitted.
15.	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted	Submitted
16.	a. Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included. b. Has the unit received any	(a) No

	notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.	(b) No				
17.	Raw material details:	S. no.	Raw Materials	Existing (TPA)	Proposed (TPA)	Total (TPA)
		1.	MS Scrap, Sponge Iron, Ferro Alloys	28,350	27,958	56,308
18.	Production Capacity details:	Product Name	Existing (TPA)	Additional (TPA)	Total (TPA)	
		Steel Ingots/billets	27,300 TPA	23,100 TPA	50,400 (TPA)	
19.	Details of major productive machinery/plant:	S.No.	Description	Existing	Proposed	After Expansion
		1.	Induction Furnace	1 X 6 TPH	1 X 10 TPH	1 X 10 TPH
		2.	D.G. Set	125kVA-	250kVA-	2 No
		3.	Scrap Cutting Machine	01 No.	--	01 No
		4.	Recircularly Cooling Water System	02 No.	--	2 No.
		5.	Scrap Bending Press	01 No.	--	01 No.
		6.	EOT Crane	01 No.	01 No.	02 No.

20.	Manpower requirement (After expansion)	55					
21.	Details of Emissions (After expansion)	Existing					
		S. No.	Source of stack emission	Capacity	Stack height (m)	APCD	
		1.	Induction Furnace	6 TPH	30m above ground level	Twin Cyclone followed by Bag Filter House	
		2.	D.G. Set	1X125 kVA	2.5m above roof level	---	
		After Expansion					
		3.	Induction Furnace	1X10 TPH	30m above ground level	Pulse Jet bag filter with offline cleaning technology.	
4.	D.G. Set	125kVA-01 No. 250kVA-01 No.	2.5m above roof level	---			
22.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	S.no.	Waste Category	Existing	After Expansion	Disposal	
		1.	35.1 Flue gas Cleaning residue	12 MT/year	315 MT/year	Designated TSDF/Approved Vendors for recovery of metals	
		2.	5.1 Used oil/Spent oil	0.02 KL/year	0.02 KL/year	Authorized Recyclers/Lubricant within the industry	
23.	Solid Waste generation and its mode of disposal:	Details	Unit	Existing Qty	Proposed Quantity	Total Quantity after expansion	Disposal method

		Domestic Solid Waste	Kg/Day		-		
		Slag	TPD			6.95 TPD	M/s Vohra Industries
		Any other					
24.	Waste water generation & its disposal Arrangement in Operation Phase:	S. No.	Description	Existing	After Expansion	Mitigation Measures/Remarks	
		1.	Industrial Effluent	NIL	NIL	No generation of industrial effluent	
		2.	Domestic	1.6 KLD	2.4 KLD	STP of 8.0 KLD will be installed & treated water used in Plantation/Green area	
25.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	The project site falls in Khanna block which is notified by CGWA.					
26.	Breakup of Water Requirements & its source in Operation Phase:	S. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)	
		1.	Domestic water demand	2.0	1.0	3.0	
		2.	Make up water demand for cooling purpose	6.0	10.0	16.0	
		Total		8.0	11	19	
		3.	Green area water demand	Summer: 15.3 KLD, Winter: 5.0 KLD, Rainy: 1.8 KLD			
		Sources of water:					
		S.No.	Purposes	Source of water			

		1.	Domestic	Ground water			
		2.	Make-up water demand for cooling	Treated water			
		4.	Green area water demand	Treated water			
27.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Submitted.					
28.	Rain Water utilization proposal during monsoons (Submitted/Not Submitted)	Submitted.					
29.	Rain Water Harvesting proposal (within/outside premises) alongwith NOC from concerned village sarpanch (Submitted/Not Submitted)	Inside:- a tank of 12 KLD is proposed for inside rain water harvesting using roof top of the project site.					
30.	Blockwise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):	Description	Area (m2)	No. of plants			
		Green area-A	1085	162			
		Green area-B	1120	170			
		Green area-C	230	34			
		Green area-D	27	4			
		Green area-E	74	11			
		Green area-F	251	37			
		Total	2788.10	418			
31.	a. Energy requirements & savings: b. Energy saving measures to be adopted within industry:	The details of the energy are given below:					
		S. No.	Description	Unit	Existing	Proposed	Total
		1.	Power load	KW	2250	1750	4000
		2.	D.G sets	KV A	125kV A-01 No.	250kVA- 01 No.	125kV A-01 No. 250kV A- 01 No.
			Any other	--	--	--	--

		<u>Energy Saving measures:</u> a) LEDs will be used in place of CFL b) Solar lights will be used for lighting the streets																																																			
32.	a. EMP Budget details b. Details of Environment Management Cell (EMC) responsible for implementation of EMP	b. EMP budget details : <table border="1"> <thead> <tr> <th>S. No</th> <th>Title</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage</td> <td>2.0</td> <td>---</td> </tr> <tr> <td>2.</td> <td>Air Pollution Control Device</td> <td>40.0</td> <td>5.0</td> </tr> <tr> <td>3.</td> <td>Water Pollution Control/ STP up-gradation</td> <td>5.0</td> <td>0.5</td> </tr> <tr> <td>4.</td> <td>Noise Pollution Control</td> <td>3.0</td> <td>2.5</td> </tr> <tr> <td>5.</td> <td>Green Belt development</td> <td>1.5</td> <td>0.4</td> </tr> <tr> <td>6.</td> <td>Solid Waste Management</td> <td>2.0</td> <td>0.5</td> </tr> <tr> <td>7.</td> <td>Environment Monitoring and Management</td> <td>3.0</td> <td>0.5</td> </tr> <tr> <td>8.</td> <td>Safety and Risk Management</td> <td>2.0</td> <td>0.5</td> </tr> <tr> <td>9.</td> <td>RWH</td> <td>2.0</td> <td>0.5</td> </tr> <tr> <td>10</td> <td>Miscellaneous</td> <td>1.0</td> <td>---</td> </tr> <tr> <td></td> <td>Total</td> <td>61.5</td> <td>10.4</td> </tr> </tbody> </table>				S. No	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1	Pollution Control during construction stage	2.0	---	2.	Air Pollution Control Device	40.0	5.0	3.	Water Pollution Control/ STP up-gradation	5.0	0.5	4.	Noise Pollution Control	3.0	2.5	5.	Green Belt development	1.5	0.4	6.	Solid Waste Management	2.0	0.5	7.	Environment Monitoring and Management	3.0	0.5	8.	Safety and Risk Management	2.0	0.5	9.	RWH	2.0	0.5	10	Miscellaneous	1.0	---		Total	61.5	10.4
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		A duly constituted EMC comprises the following: 1. Owner/ Director 2. GM (Works) 3. Environment Consultant																																																			
33.	Details of the activities proposed to be covered under CER be provided in below format:	As per OM F.No.-22-65/2017-IA-III dated on 01st May, 2018, the organization will spend Rs. 5.27 Lakh for Corporate Environment Responsibility. Rs 5.27 Lakhs will be spent in Lion Model school, Mandi Gobindgarh. The activities are as follows:- : <table border="1"> <thead> <tr> <th rowspan="2">S.No</th> <th rowspan="2">Activity</th> <th rowspan="2">Environment Aspect</th> <th rowspan="2">Cost (Rs. Lac)</th> <th colspan="2">Timeline</th> </tr> <tr> <th>Start</th> <th>End</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Science lab</td> <td>Infrastructure</td> <td>1.00</td> <td>2021</td> <td>--</td> </tr> <tr> <td>2.</td> <td>Separate Toilets for</td> <td>Water Hygiene & Sanitation</td> <td>1.27</td> <td>2021</td> <td>2022</td> </tr> </tbody> </table>				S.No	Activity	Environment Aspect	Cost (Rs. Lac)	Timeline		Start	End	1.	Science lab	Infrastructure	1.00	2021	--	2.	Separate Toilets for	Water Hygiene & Sanitation	1.27	2021	2022																												
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			Boys and Girls				
		3.	Ramp for access to 1st floor.	Infrastructure	1.00	2021	2022
		4.	Green board for classes	Infrastructure	0.50	2021	2022
		5.	Air conditioner for science lab and furniture	Infrastructure	1.50	2021	2022
		Total			5.27		
34.	Project area involves forest land	No					
35.	Traffic Study Details:	Road		V	C	V/C Ratio	LOS
		Point 'A' (Below the Over bridge on Bhadla Road)		2605	6000	0.43	C
		Point 'B' (Turning point from Bhadla Road to Industries)		1744	6000	0.29	B

After the discussions, SEAC made certain observations to which project proponent replied as under:

S. No.	Query	Reply
1.	The Project Proponent shall submit layout plan having complete details of the green area to be developed considering the requirement of 33% of the land area to be reserved for the development of green area.	Submitted
2.	The project proponent shall submit undertaking to the effect that the motors to be installed will be energy efficient.	Submitted
3.	The project proponent shall submit the agreement with M/s Shiva Tiles Works, Village Jalalpur, Amlah Road, Mandi Gobindgarh by mentioning the	Submitted

	quantity of the slag within 48 hours.	
4.	The industry shall submit revised agreement with M/s Madhav Alloys Pvt. Ltd. by mentioning the quantity of APCD dust within 48 hours	Submitted

SEAC was satisfied with the presentation and reply given to the above observations & took a copy of the presentation along with reply on record.

4.0 Recommendations

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B1, Activity 3(a) as per EIA notification 2006 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for expansion for steel Manufacturing unit of M/s Nidhi Steel Industries, for replacement of 1 no. Induction Furnace of capacity 6 TPH having production of 27,300 TPA with 1 no. induction furnace of capacity 10 TPH having proposed production of 50,400 TPA located at Village- Alour, Bhadla Road, Tehsil Khanna, District- Ludhiana, Punjab as per the details mentioned in the Form 2, EIA report, EMP & subsequent presentation /clarifications made by the Project Proponent and his Consultant subject to conditions as under: -

Conditions to be imposed in the Environmental Clearance:

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.

- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- viii. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.

- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.
- viii. Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.
- ix. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. The project proponent shall adhere to 'Zero Liquid Discharge'.
- iii. Sewage Treatment Plant of capacity 8 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- v. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at village Bullepur, Tehsil Khanna, District Ludhiana, Punjab having recharge potential of volume @ 12296 m³ shall be adopted to recharge the water @ 24444 m³/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench

(designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.

- vi. A tank of 12 KLD shall be constructed for inside rain water harvesting using roof top of the project site.
- vii. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
- ii. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iii. The project proponent shall provide the for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

- iv. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i) Green belt shall be developed in an area of 2788.10 Sqm (equal to 33% of the plant area) with tree species in accordance with SEIAA guidelines. Total 418 trees to be planted without accounting the shrubs. Out of 418, 150 trees have already been planted like Amaltas, Arjun, Jamun, Mulberry, Mango, Amla, Poplar and the balance 268 more trees species of Jamun, Arjun, Ashoka, Sagwan will be planted in coming monsoon season.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The organization will spend Rs. 5.27 lakhs towards the Corporate Environmental Responsibility for undertaking the environmental activities as defined in CER circular issued by MoEF &CC. The amount will be spent in Parbhat Puri Charitable Hospital, Mandi Gobindgarh, following CER activities:

Sr. No.	Activity	Environment Aspect	Cost (Rs. Lac)	Timeline	
				Start	End

1.	Science Lab	Infrastructure	1.00	2021	-----
2.	Separate Toilets for Boys and Girls	Water Hygiene & Sanitation	1.27	2021	2022
3.	Ramp for access to 1 st floor	Infrastructure	1.00	2021	2022
4.	Green Board for classes	Infrastructure	0.50	2021	2022
5.	Air conditioner for science lab and furniture	Infrastructure	1.50	2021	2022
TOTAL			5.27		

However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the proposal submitted by the project proponent. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions to all / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 171.05 Lacs towards the capital cost and Rs 16.1 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan.

Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	2.0	--

2.	Air Pollution Control (Installation of APCD)	40.0	5.0
3.	Water Pollution Control/ STP up-gradation	5.0	0.5
4.	Noise Pollution Control	3.0	2.5
5.	Green belt Development	1.5	0.4
6.	Solid Waste Management	2.0	0.5
7.	Environment Monitoring and Management	3.0	0.5
8.	Safety and Risk Management	2.0	0.5
9.	RWH	2.0	0.5
10.	Miscellaneous	1.0	--
	Total	61.5	10.4

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

- v. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

XIV. Validity

- ii) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier

XV. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.

- xiv. The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

XVI. Additional Specific Conditions decided during the meeting of SEAC:

- i. The project proponent shall install Side Suction Hood followed by Pulse-jet Bag filter with offline cleaning technology as APCD as per the amount indicated in the revised Environment Management Plan. Further, they will upgrade existing APCD of flow rate 36000m³/hr to 75000m³/hr for 1no. proposed induction furnace (10TPH) and will install new Air Pollution Control Devices (Pulse jet bag filter with offline cleaning technology) for another proposed Induction Furnace of 10 TPH capacity. The flow rate for each APCD will be 75000m³/hr.
- ii. The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
- iii. The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet & outlet of APCD before stack) and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. The project proponent shall obtain NOC from CGWA for abstraction of ground water @ 8.0 KLD to meet the requirement of Industrial, domestic & green belt.

- v. The project proponent shall construct rain water tank of capacity 12 KLD to store rain water run off generated from the roof top during monsoon season within its premises.
- vi. The project proponent shall dispose of slag @ 6.95 TPD as per the agreement made with the interlocking tile manufacturing units.
- vii. The project proponent shall dispose of APCD dust @ 0.9 TPD to M/s Madhav Alloys Pvt. Ltd.
- viii. The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- ix. The project proponent shall provide STP of 8 KLD for treatment of waste water & reutilization of the treated water for non- portable use so as to achieve the zero liquid discharge condition as per the III (iv) of OM dated 09.08.2018 issued by the MoEF&CC for such units.
- x. The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
- xi. The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. Atleast 3 samples i.e one from within the premises and two from outside the premises of the project shall be taken.
- xii. The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking. The area to be reserved by considering the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
- xiii. The project proponent shall comply with the standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xiv. Whole of the vehicle movement area as well as approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete road to control the dust emissions expected from the vehicle movement.

- xv. The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same.
- xvi. The project proponent shall adopt green technologies to conserve water & energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xvii. The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xviii. The project proponent shall take necessary action w.r.t. the following: -
 - a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/road laying etc.

Item No.196.14: Application for obtaining Environmental Clearance to M/s Vincit Lab Pvt. Ltd. for establishment of pharmaceutical unit at village- Banur, District SAS Nagar. (Proposal No. SIA/PB/IND2/173982/2020)

1.0 Background

The project proponent submitted an application for obtaining Environmental Clearance under EIA Notification, 2006 for setting up a new API Bulk Pharmaceutical manufacturing unit.

As per EIA Notification,14.09.2006 the project falls under "A" category but now, MOEF&CC has issued OM vide F.No.22-25/2020-IA.IIIII dated 13.04.2020 which states that "proposal or activities in respect of Active Pharmaceuticals Ingredients (API) received up to 30.09.2020 shall be appraised as "B2" projects to ensure drug availability or production to reduce the impact of Novel Coronavirus. The project proponent applied for obtaining EC on 19.09.2020 and thus the project can be considered in B-2 category.

2.0 Present Case

The project proponent proposes to set up a new API Bulk Drug Pharmaceutical manufacturing unit with a production capacity of 1380 TPM (16560 TPA). Further, the Project proponent has deposited the requisite EC processing fee of Rs.5,98,000/- through NEFT by UTR no. ICICR42020091800862325 dated 18.09.2020 and the same has been approved by the accounts Deptt vide receipt no. 4690 dated 29.10.2020.

The project proponent was raised EDS on 22.10.2021 to which PP replied on 20.02.2021.

Thereafter, the application for obtaining EC was accepted online on 24.02.2020.

Environmental Engineer, PPCB, RO, SAS Nagar was requested vide email dated 25.02.2020 to send the report on the following points: -

- i) Construction/Installation status of the newly proposed project of the industry
- ii) Status of physical structures within 500 m radius of the site including the status of industries, if any
- iii) Status of Consent to Establish/NOC from PPCB for M/s Surya Pharmaceutical Ltd.
- iv) Whether any direction passed by PPCB to M/s Surya Pharmaceutical Ltd. (Old unit existed at same site earlier) under Water or Air Act due to which the unit was shut down .
- v) Validity details of last CTO issued under Air/Water Act to M/s Surya Pharamceutical Ltd.

Summary of the project is given as under:

1.	Name of the project Correspondence address	M/s Vincit Labs Private Limited Village- Banur, District SAS Nagar, Punjab
2.	Online Proposal No.	SIA/PB/IND2/173982/2020

3.	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project)	EC for new project															
4.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	(a) B-2 (b) As per S.O. 1223(E) dated: 27.03.2020, "All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 30 th September,2020, shall be appraised as Category 'B2'															
5.	a. Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No) b. If no and the proposed project site lies in the same or neighbouring district of critically polluted area, then details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)	No No															
6.	a. Total Project Cost (In Crores) : b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	a. Total Project Cost (In Crores) : Rs. 59.80Crore b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant is following: <table border="1" data-bbox="727 1603 1437 1993"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>TotalCost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total Cost of Land & land area in sqm</td> <td>8.76 & 160662.0 sqm</td> </tr> <tr> <td>2</td> <td>Building</td> <td>12.04</td> </tr> <tr> <td>3</td> <td>Plant & Machinery</td> <td>35.74</td> </tr> <tr> <td>4</td> <td>Pollution Control Equipment</td> <td></td> </tr> </tbody> </table>	S. No.	Description	TotalCost (Rs. in Crores)	1	Total Cost of Land & land area in sqm	8.76 & 160662.0 sqm	2	Building	12.04	3	Plant & Machinery	35.74	4	Pollution Control Equipment	
S. No.	Description	TotalCost (Rs. in Crores)															
1	Total Cost of Land & land area in sqm	8.76 & 160662.0 sqm															
2	Building	12.04															
3	Plant & Machinery	35.74															
4	Pollution Control Equipment																

			A	Multi Cyclone & Scrubbers	0.50
			B	MEE/MAV	1.50
			C	Incinerator	0.75
			D	Green Belt	0.10
			E	ETP	0.40
		5	Others/Miscellaneous		0.01
		Total cost of project at current price level (in crores)			59.80
		Total Cost of the Environment Management Plan (EMP)			3.25
		*Project proponent shall assess the cost of APCD/ESP/ZLD/ETP/STP/Continuous online monitoring system etc from reputed supplier and shall include it in the Plant and machinery/APCD cost.			
7.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	Fee amount of Rs. 5, 98,000/- has been submitted through NEFT by UTR no. ICICR42020091800862325 Dated 18-09-2020.			
8.	Details of technology proposed for control of emissions & effluents generated from project				
	Particulars	Capacity	Cost	Technology	
	Effluent Treatment Plant	120 KLD	Rs. 40 Lacs	MBBR Technology	
	Evaporation of HTDS effluent	90 KLD	Rs. 1.5 Crore	MEE/MVR Technology	
	APCD	-	Rs. 50 Lacs	Multicyclone & scrubbers	
	Incinerator	5 TPD	Rs. 40 Lacs	Pyrolysis Technology	
9.	Co-ordinates of all the corners of the project site		Point	Latitude	Longitude
			A	30°33'25.15"N	76°41'04.91"E
			B	30°33'24.85"N	76°41'11.85"E
			C	30°33'18.20"N	76°41'11.49"E
			D	30°33'15.37"N	76°41'17.26"E
10.	Plot Area Details	AREA DETAIL (Sq. M)			
		Total area of plot	121456.278		
		Garden & Boundary plantation	20378.52		
		Plantation Area	8166.556		
		Landscaping Area	12792.113		
		Ash Area	7000.12		

		ETP & STP Area	6540.85
		R & D block	784
		Central warehouse	920.2
		Q.A & Q.C.	174.2
		Utility Block	1049.88
		Security Block	114.8
		HR Block	65.08
		Canteen	379.2
		Central F.G. Store	1087.17
		Plot Plant	233.11
		Module-1	1069.96
		Module-1A	1321.59
		Module-2	336.4
		Ozonation	550.11
		Hydrogenation Block-1	207.12
		Menthol RM Store	273.67
		F.G. For Menthol	228.42
		Distillation	34.13
		Utility For Menthol	159.42
		F.G. for Phyto	122.15
		Phyto Block	345.12
		Utility For Phyto	112.52
		RM for Phyto	232.19
		Curd Plant	382.82
		Toilet-1	45.21
		Toilet-2	45.21

		Hydrogenation Block-2	241.42
		Caustic and Sodium Block	350.12
		MEE Block	127.12
		SRP	1538.95
		Boiler Area	1474.1
		Ground Coverage	27546.4
		Total Green Belt Area	41337.189
11.	<p>a. Type of project land as per master plan (Industrial/Agriculture/ Any other),</p> <p>b. If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)</p>	<p>This is an existing industrial land. The proponent bought it in liquidation process.</p> <p>CLU has been applied.</p>	
12.	Details of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB	NA	
13.	Details of valid consent to operate under Air & Water Act	NA	
14.	Details of verified compliance report from SPCB to the conditions of existing consent to	NA	

	operate under Air act, 1981 & Water Act, 1974 (Letter no. & dated from SPCB)															
15.	ToR compliance report (Submitted/ not submitted)	NA As it is a B2 project.														
16.	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted	NA As it is a B2 project.														
17.	<p>a. Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included.</p> <p>b. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.</p>	<p>No litigation is pending.</p> <p>No</p>														
18.	Raw material details:	The number of raw materials is very high. It is provided as Annexure-VI in additional documents.														
19.	Production Capacity details: Product details under each category are provided in the PFR	<table border="1"> <thead> <tr> <th>Category</th> <th>Total (TPM)</th> </tr> </thead> <tbody> <tr> <td>Corticosteroids</td> <td>20</td> </tr> <tr> <td>Oncology</td> <td>10</td> </tr> <tr> <td>Vitamins</td> <td>10</td> </tr> <tr> <td>Antacids</td> <td>100</td> </tr> <tr> <td>Cephalosporins</td> <td>100</td> </tr> <tr> <td>Herbal & Phytochemicals</td> <td>20</td> </tr> </tbody> </table>	Category	Total (TPM)	Corticosteroids	20	Oncology	10	Vitamins	10	Antacids	100	Cephalosporins	100	Herbal & Phytochemicals	20
Category	Total (TPM)															
Corticosteroids	20															
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Vitamins	10															
Antacids	100															
Cephalosporins	100															
Herbal & Phytochemicals	20															

		Anti- Diabetics	20
		Anti-fungal	10
		Anti-hypertensive	10
		Anti-virals	10
		Carbapenems	10
		Cardiovascular	40
		Anti parkinson	10
		Hormones	10
		Bulk APIs	650
		Menthol& derivatives	300
		R & D	50
		Total	1380
20.	Details of major productive machinery/plant:	S.No.	Description
		1.	SS & GL Reactors
		2.	Centrifuges
		3.	ETD, VTD & FBD Dryers
		4.	Multi Mill
		5.	Condensers
		6.	Sifters
		7.	Chillers
		8.	Boilers
		9.	Cooling Towers
		10.	DG Sets
		11.	Nitrogen Plant
		12.	Ozonator
		13.	Hydrogenator
		14.	Nutsche Filters
		15.	Sparkler Filters
		16.	RO/DM Water Plant
		17.	Enzymators

		18.	Blenders			
		19.	Storage Tanks			
21.	Manpower requirement (After expansion)	400 (Direct), 200 (Indirect)				
22.	Details of Emissions (After expansion)	During the manufacture various drugs products, traces HCL, SO ₂ gas shall be generated. These gases shall be absorbed in caustic lye solution. The absorber system is designed for absorbing HCL, SO ₂				
23.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	Category	Type	Quantity	Mode of Disposal	
		5.1	Used Oil	0.30 TPA	Sold to Authorized Recycler	
		28.1	Process Residue	3.40 TPA	To TSDF site	
24.	Solid Waste generation and its mode of disposal:	Category	Type	Quantity	Mode of Disposal	
		28.2	Spent Catalyst	0.30 TPA	Sold to Authorized Recycler	
		28.3	Spent Carbon	0.60 TPA	To TSDF site	
		33.3	Empty Barrels	0.50 TPA	To TSDF site	
25.	Waste water generation & its disposal Arrangement in Operation Phase:	S. No	Description	Waste Water	Treatment	
		1.	Process Waste Water	67	HTDS-MEE LTDS-ETP	
		2.	RO Reject, Washing, Cooling Tower/Boiler Blow-down, Scrubber	21	Used for toilet flushing	
		3	Washing & Scrubber	3.5	LTDS-ETP	
		4	Domestic Uses	23	LTDS-ETP	
		Total			114.5 KLD	93.5KLD Treatable
26.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	Patiala block Notified				
27.	Breakup of Water Requirements & its source in Operation Phase:	S. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)

		1.	Domestic water demand	6.0	5.0	11.0
		2.	Make up water demand for cooling purpose	15.0	45.0	60.0
		Total		21	50	71
		3.	Green area water demand	45 KLD		
		Sources of water:				
		S.No.	Purposes	Source of water		
		1.	Domestic	Ground water		
		2.	Make-up water demand for cooling	Treated water		
		4.	Green area water demand	Treated water		
28.	Water balance chart for Summer, Rainy and Winter seasons	Submitted.				
29.	Rain Water utilization proposal during monsoons	Submitted.				
30.	Rain Water Harvesting proposal (within/outside premises) alongwith NOC from concerned village sarpanch	Within the premises				
31.	Blockwise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):	More than 5000 trees already present				
32.	a. Energy requirements & savings:	b. The details of the energy are given below:				
		S. No.	Description	Unit	Consumption	
		1.	Power load	KW	4000	
	b. Energy saving measures to be	<u>Energy Saving measures:</u> a) 10W LED lights shall be used for all lighting in the plant.				

	<p>adopted within industry:</p>	<p>b) Outer street lights shall be completely on solar energy. Likely saving of energy will be as follows: (i) 1 Total internal Lighting load = 400 KW (ii) 2 Outer lighting load =100 KW (iii)3 Other power load= 3500 KW Total load = 4000 KW Saving : (i) By using 10 w LED against 40w tube lights (25%)= 300 KW (ii) By using solar energy for outer lighting (50%)= 50 KW Total = 350 KW Percentage= $(350 \times 4000 \times 100) = 8.75\%$</p>																																			
33.	<p>a. EMP Budget details</p> <p>b. Details of Environment Management Cell (EMC) responsible for implementation of EMP</p>	<p>a. EMP budget details : During operational phase</p> <table border="1" data-bbox="703 745 1522 1671"> <thead> <tr> <th>Sr. No</th> <th>Particulars</th> <th>Capital Cost (Lacs)</th> <th>Annual Recurring cost (Lacs)</th> <th>Parameters covered</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ambient Air Monitoring</td> <td>Rs. 0.20</td> <td>Every Three Months</td> <td>As per new notification</td> </tr> <tr> <td>2</td> <td>Noise Level Monitoring</td> <td>Rs. 0.10</td> <td>Every Three Months</td> <td>24 hrs. noise level</td> </tr> <tr> <td>3</td> <td>Treated effluent Monitoring</td> <td>Rs. 0.60</td> <td>Every Three Months</td> <td>pH, TSS,TDS, COD,BOD O/G, Phenolic compound ammonical nitrogen & bioassay</td> </tr> <tr> <td>4</td> <td>Drinking Water</td> <td>Rs. 1.20</td> <td>Every Three Months</td> <td>As per BIS standard</td> </tr> </tbody> </table> <p>During construction phase</p> <table border="1" data-bbox="711 1749 1522 2031"> <thead> <tr> <th>S. No</th> <th>Particulars</th> <th>Capital Cost (Lacs)</th> <th>Annual Recurring cost (Lacs)</th> <th>Parameters covered</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multi Cyclone & scrubber</td> <td>50</td> <td>2.5</td> <td>SPM, CO₂, NO₂, and Acid mist</td> </tr> </tbody> </table>	Sr. No	Particulars	Capital Cost (Lacs)	Annual Recurring cost (Lacs)	Parameters covered	1	Ambient Air Monitoring	Rs. 0.20	Every Three Months	As per new notification	2	Noise Level Monitoring	Rs. 0.10	Every Three Months	24 hrs. noise level	3	Treated effluent Monitoring	Rs. 0.60	Every Three Months	pH, TSS,TDS, COD,BOD O/G, Phenolic compound ammonical nitrogen & bioassay	4	Drinking Water	Rs. 1.20	Every Three Months	As per BIS standard	S. No	Particulars	Capital Cost (Lacs)	Annual Recurring cost (Lacs)	Parameters covered	1	Multi Cyclone & scrubber	50	2.5	SPM, CO ₂ , NO ₂ , and Acid mist
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S. No	Particulars	Capital Cost (Lacs)	Annual Recurring cost (Lacs)	Parameters covered																																	
1	Multi Cyclone & scrubber	50	2.5	SPM, CO ₂ , NO ₂ , and Acid mist																																	

		2	MEE	150	1.5	
		3	Incinerator	75	1.5	SPM ,CO, Acid mist
		4	ETP	40	2	Ph, TSS,TDS, COD,BOD ,O/G, Phenolic compound ammonical nitrogen & bioassay
		5	Green area	10	0.5	Saplings transportation, fertilizers horticulturist etc.
		Total cost		325	8	
Submitted						
34.	Details of the activities proposed to be covered under CER be provided in below format:					
		Village	Activity Proposed	Environment proposed	Cost (Lacs)	
		Banur	Water coolers and fibres in Govt. School	Access to clean water	0.9	
			Plantation of trees all around the boundary wall of school, and side of village roads	Aesthetic & Pollution control	2	
			Solar lights in school & village	Energy saving	10	
			Health & Environment camps every year	Education	5	
			Separate toilet for boys & girls	Energy saving	10	
			Promotion of Rural sports in the village	Education	1	
			Repair of roads in the village	Aesthetic	1	

		Nadali	Water coolers and filters in Govt. school	Aesthetic & Pollution control	0.9
			Plantation of trees all around the boundary wall of school, and side of village roads	Aesthetic & Pollution control	2
			Solar lights in school & village	Energy saving	10
			Health & Environment camps every year	Education	5
			Separate toilet for boys & girls	Energy saving	10
			Promotion of Rural sports in the village	Education	1
			Repair of roads in the village	Aesthetic	1
			Total		59.8
35.	Project area involves forest land, (Yes/No), If yes , then details of the the extent of area involved and copy of permission & approval for the use of forest land	No			
36.	Traffic Study Details:	Not Applicable			

The case was considered by SEAC in its 196th meeting held on 01.03.2021.

SEAC was apprised that the latest construction status report has not been received from Punjab Pollution Control Board. SEAC observed that in absence of latest construction status report from the Punjab Pollution Control Board, it was not possible to consider the application.

After detailed deliberations the SEAC decided to defer the case to the next meeting subject to receipt of report from Punjab Pollution Control Board.

Item No.196.15: Application for obtaining Environmental Clearance to M/s Viva API Labs Pvt. Ltd. for establishment of pharmaceutical unit at village- Raikot, Tehsil Raikot, District Ludhiana. (Proposal No. SIA/PB/IND2/176295/2020)

1.0 Background

The project proponent submitted an application for obtaining Environmental Clearance under EIA Notification, 2006 for setting up a new API Bulk Pharmaceutical manufacturing unit.

As per EIA Notification,14.09.2006 the project falls under "A" category but now, MOEF&CC has issued OM vide F.No.22-25/2020-IA.IIIII dated 13.04.2020 which states that "proposal or activities in respect of Active Pharmaceuticals Ingredients (API) received upto 30.09.2020 shall be appraised as "B2" projects to ensure drug availability or production to reduce the impact of Novel Coronavirus. The project proponent applied for obtaining EC on 29.09.2020 and thus the project can be considered in B-2 category.

2.0 Present Case

The project proponent proposes to set up a new API Bulk Drug Pharmaceutical manufacturing unit with a production capacity of 94 TPD. Further, the Project proponent has deposited the requisite EC processing fee of Rs.13,60,000/- vide receipt no. 4668 dated 05.10.2020.

The project proponent was raised EDS on 12.10.2020 to which PP replied on 09.02.2021 & on 19.02.2021 to which PP replied on 24.02.2021.

Thereafter, the application for obtaining EC was accepted online on 24.02.2021.

Environmental Engineer, PPCB, RO4 Ludhiana on was requested vide email dated 25.02.2020 to send the report on 10.10.2020 & on 24.02.2021 to send the latest construction status report. The said report is yet to be received.

Summary of the project is given as under:-

1.	Name of the project Correspondence address	VIVA API LABS PRIVATE LIMITED Pardeep Kumar Goyal Raikot, Tehsil- Raikot, district Ludhiana, Raikot, Ludhiana, Punjab. +91-9878996243 pardeepkumargoyal@vivachem.co.in
2.	Online Proposal No.	SIA/PB/IND2/176295/2020
3.	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project)	Proposed Pharmaceuticals Manufacturing Unit at Village Raikot Tehsil-Raikot, District-Ludhiana, and State Punjab – 141109, by Viva API Labs Private Limited.
4.	a) Category b) Activity	B2

	(As per schedule appended to EIA Notification, 2006 as amended time to time)	Activity- 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; Bulk.				
5.	a. Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No) b. If no and the proposed project site lies in the same or neighbouring district of critically polluted area, then details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)	NO				
6.	a. Total Project Cost (In Crores) : b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	S. no.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)
		1.	Cost of Land at current price level	-	7.0	7.0
		2.	Building	-	23.30	23.30
		3.	* Plant & Machinery	-	105.6	105.6
		4.	Others	-	-	-
		Total			135.91	135.91
		*Project proponent shall assess the cost of				
7.	Amount of EC Processing Fee deposited by	DD No033442 Dated 28.09.2020 Rs 13.60 Lacs receipt no. 4668 dated 05.10.2020.				

	NEFT/DD (Rs. In Lacs)				
8.	Details of technology proposed for control of emissions & effluents generated from project	Particulars	Capacity	Technology	
		Effluent Treatment Plant	300 KLD to treat 248 KLD of industrial wastewater	ETP, RO, MVR/MEE, STP,	
		Domestic effluent	25 KLD STP proposed		
9.	Co-ordinates of all the corners of the project site	Point	Latitude	Longitude	
		A	30° 38' 40.46" N	75 ° 34'14.18" E	
		B	30° 38' 40.31" N	75 ° 34'8.48" E	
		C	30° 38' 26.91" N	75 ° 34'20.48" E	
		D	30° 38' 26.91" N	75 ° 34'15.02" E	
10.	Plot Area Details	S. No.	Land Use	Proposed Area (Acres)	Percentage (%)
		1.	Plant Area, Office Area (Ground coverage)	8.007	44.30%
		2.	Paved Area (Road, Corridor, Parking and Drainage)	3.87	21.41%
		3.	Green Belt Area & Open Area	6.198	34.29%
			Total	18.075	100
11.	a. Type of project land as per master plan (Industrial/Agriculture /Any other),	Industrial land use as per DTP vide letter no. 2803 dated 20.11.2020 and letter no. 2377 dated 15.10.2020			
	b. If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per	Available			

	proposals of Master Plan of the area. (Submitted/Not Submitted)	
12.	Details of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB	NA , being new industry
13.	Details of valid consent to operate under Air & Water Act	NA
14.	Details of verified compliance report from SPCB to the conditions of existing consent to operate under Air act, 1981 & Water Act,1974 (Letter no. & dated from SPCB)	NA
15.	ToR compliance report (Submitted/ not submitted)	NA
16.	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted	NA
17.	<p>a. Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included.</p> <p>b. Has the unit received any notice under the Section 5 of Environment</p>	Undertaking submitted in this regard

	(Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.				
18.	Raw material details:	S.No	Name of Products	Name of Raw Materials	Qty Per Day in MT
		1	Naproxen	Methoxy naphthalene	8.04
				Acetyl chloride	3.4
				Aluminium chloride	5.8
				MDC	0.5
				Nitro methane	0.5
				Sec. Butanol	6.503
				Monochloroacetic acid	4.104
				p-toluenesulphonic acid	3.59
				Potassium hydroxide	2.43
				2-acetyl-6-methoxy-naphthalene	9.564 4
				NaOH	5.211 1
				Hydroxylamine sulphate	3.561
				Sulphuric acid	2.128
				n-octyl-d-glucamine	12.74
		2	Paracetamol	p-aminophenol	14.43
				Acetic anhydride	13.5
				Hydrose	0.144 3
				EDTA disodium salt	0.029
				Sodium Carbonate	0.144
				Sodium metabisulfite	0.144 3
				Activated Carbon	0.288

		3	Aspirin	Phenol	5.23
				Sodium Hydroxide	2.24
				Carbon dioxide	2.44
				HCl (For precipitation)	0.5
				Salicylic Acid (produced in first stage)	7.67
				Acetic Anhydride	5.73
				Sulphuric acid (catalyst)	5.44
				Ethanol (90% pure)	10
		4	Propyl Acetate	Propyl Alcohol	29.4
				Acetic acid	29.7
				PTSA	0.030
		5	4-methyl-2-cyanobiphenyl(OTBN)	p-tolylmagnesiumchloride	1.56
				o-Bromobenzonitrile	1.9
		6	T2E	Thiophene	1.31
				Ethyl oxide	0.687
				Sodium Metal	0.358
Amm. Chloride	0.836				
Isoprene	1.06				
19.	Production Capacity details: Product details under each category are provided in the PFR	S. No	Name of the products	Proposed Product ion Capacity (TPD)	
		1	Naproxen	10	
		2	Paracetamol	20	
		3	Aspirin	10	
		4	Propyl Acetate	50	
		5	4'-methyl-2 cyanobiphenyl(OTBN)	2	
		6	Thiophene-2-Ethanol	2	
			Total	94	
		Power (MW)			
		7	Cogeneration	4 MW	
20.	Details of major productive machinery/plant:	1) Reactor 2) Tanks 3) Vessels 4) Boiler 5) Condenser 6) Chiller 7) Tray Dryer			

		8) FBD 9) Centrifuge 10)RCVD 11)Sifter 12)Multimill 13)Hydrogenator 14)Scrubber 15)Pumps 16)Compressor				
21.	Manpower requirement (After expansion)	Construction phase-30Nos. Operation phase-350 Nos				
22.	Details of Emissions (After expansion)	--NA				
23.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	S. No	Type of Waste	Category (As per Schedule)	Generation (TPA/KLA)	Mode of Treatment and Disposal
		1	Distillation Residue	20.3	3.5 TPA	To be Sent to Authorized Dealer for Disposal or In house incineration
		2	Distillation Residue	28.1	10.0 TPA	Sent to Authorized Dealer for Disposal or In house incineration
		3	Mobile Oil	5.1	1.0 KLA	Sale to Authorized Recyclers
		4	Spent Catalyst	28.2	2.00 TPA	To be Sent to TSDF facility or in house incineration
		5	Spent Carbon	28.3	4.00 TPA	Send to TSDF facility or in house incineration
		6	Off specification products	28.4	2.00 TPA	To be Sent to TSDF facility or in house incineration facility
		7	Date Expired Products	28.5	2.00 TPA	To be Sent to TSDF facility or in house incineration
		8	Spent Solvents	28.6	20.0 TPA	Sent to Authorized Dealer for Disposal or In house incineration

		9	Empty Barrels/Containers/Liners Contaminated with Hazardous Chemicals/Waste	33.1	15.00 TPA	Sale to Authorized recyclers												
		10	Contaminated Cotton Rags or other Cleaning Materials	33.2	1.000 TPA	To be Sent to TSDF facility or in house incineration												
		11	ETP Sludge	35.3	36.00 TPA	To be Sent to TSDF facility												
		12	Spent Carbon or Filter Medium	36.2	1.000 TPA	To be Sent to TSDF facility or in house incineration												
		13	Sludge from Wet Scrubbers	37.1	0.3 TPA	To be Sent to TSDF facility												
		14	Ash from Incinerator	37.2	15.0 TPA	To be Sent to TSDF facility												
		15	Boiler Ash	Other category	5000 TPA	Send to Land Filling in low land area												
		16	Domestic waste	Other category	20 TPA	Pick up by MC Raikot												
		17	MS Scrap & Waste paper	Other category	20 TPA	Sale to recycler												
24.	Solid Waste generation and its mode of disposal:	<table border="1"> <thead> <tr> <th>Category</th> <th>Type</th> <th colspan="2">Mode of Disposal</th> </tr> </thead> <tbody> <tr> <td>Boiler Ash</td> <td>Other category</td> <td colspan="2">Send to Land Filling in low land area</td> </tr> <tr> <td>Domestic waste</td> <td>Other category</td> <td colspan="2">Pick up by MC Raikot</td> </tr> </tbody> </table>		Category	Type	Mode of Disposal		Boiler Ash	Other category	Send to Land Filling in low land area		Domestic waste	Other category	Pick up by MC Raikot				
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S. No.	Liquid Effluents	Quantity	Unit	Mode of Treatment/ Disposal														
1.	Industrial waste water	248	KLD	Low TDS Effluent Treated in To ETP (capacity 300 M3/Day) &ETP comprises of														

	Arrangement in Operation Phase:					Four Stage, One Stage Anaerobic, One Stage MBBR and One Stage Aeration and Tertiary Treatment RO System. After treatment treated water is used in cooling tower and process. High TDS effluent Treated in to MEE/MVR (capacity 50 M ³ /Day). Condensate recovery will be reused in plant. MEE/MVR salt will be disposed into TSDF
		2.	Domestic waste water	18	KLD	The domestic sewage is being/will be treated in proposed STP having capacity of 25 KLD. Treated water is being utilized for plantation
26.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	The industry will utilize canal water for fresh water requirement.				
27.	Breakup of Water Requirements & its source in Operation Phase:	S. No.	Purpose	Fresh water (KLD)	Recycled Water (KLD)	Water Demand (KLD)
		1.	Domestic	20	-	20
		2.	Industrial	528	246 Cooling Tower – (From ETP-212 KLD & MEE -34 KLD)	774
		3.	Green Belt Development.	120		120 18* (*re-use from STP)
		Total		668	246	914
Sources of water: Surface water						
28.	Water balance chart for Summer, Rainy and Winter seasons	Submitted.				

29.	Blockwise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):	Plan submitted																			
30.	<p>a. Energy requirements & savings:</p> <p>b. Energy saving measures to be adopted within industry:</p>	<p>The details of the energy are given below:</p> <table border="1" data-bbox="699 488 1481 616"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Unit</th> <th>Consumption</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power load</td> <td>KVA</td> <td>3500</td> </tr> </tbody> </table>					S. No.	Description	Unit	Consumption	1.	Power load	KVA	3500							
S. No.	Description	Unit	Consumption																		
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31.	a. EMP Budget details	<p>EMP budget details : During operational phase</p> <table border="1" data-bbox="699 891 1513 2011"> <thead> <tr> <th>S. No.</th> <th>Description of Item</th> <th>EMP Cost (Rs. in Lacs) Capital</th> <th>EMP Cost (Rs. in Lacs/annum) Recurring</th> <th>Basis for cost estimates</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air pollution control & Noise Pollution Monitoring</td> <td>10</td> <td>3</td> <td>Air pollution controlling equipment's, Monitoring of Air Environment, Ambient noise monitoring.</td> </tr> <tr> <td>2</td> <td>Water Pollution control</td> <td>340</td> <td>125</td> <td>Capital cost would include cost of ETP,RO, MEE/MVR and STP including Civil work, mechanical work, and electrical work and piping work is included. Recurring cost is cost of treatment of</td> </tr> </tbody> </table>					S. No.	Description of Item	EMP Cost (Rs. in Lacs) Capital	EMP Cost (Rs. in Lacs/annum) Recurring	Basis for cost estimates	1	Air pollution control & Noise Pollution Monitoring	10	3	Air pollution controlling equipment's, Monitoring of Air Environment, Ambient noise monitoring.	2	Water Pollution control	340	125	Capital cost would include cost of ETP,RO, MEE/MVR and STP including Civil work, mechanical work, and electrical work and piping work is included. Recurring cost is cost of treatment of
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					waste water at site	
	b. Details of Environment Management Cell (EMC) responsible for implementation of EMP	3	Solid and hazardous waste Management	15	5	Capital cost would include providing storage space for hazardous waste. Recurring cost would include cost of transportation & disposal,
		4	Environment monitoring and management	10	5	The recurring cost would be incurred on hiring of consultants and payment of various statutory fees to regulatory agencies.
		5	Occupational Health	15	5	Periodic Health checkup, PPEs etc
		6	Green belt &	12	3	Capital cost would include cost of plant species and labor cost and recurring cost would include cost of maintenance of that green belt including cost of required water for plant growth
			Rainwater Harvesting	40	5	
		7	Air Pollution Control Devices	120	6	ESP
			Total	562	157	

		Submitted
32.	Details of the activities proposed to be covered under CER be provided in below format	Submitted
33.	Project area involves forest land, (Yes/No), If yes , then details of the the extent of area involved and copy of permission & approval for the use of forest land	No
34.	Traffic Study Details:	Submitted

The case was considered by SEAC in its 196th meeting held on 01.03.2021.

SEAC was apprised that the latest construction status report has not been received from Punjab Pollution Control Board. SEAC observed that in absence of latest construction status report from the Punjab Pollution Control Board, it was not possible to consider the application.

After detailed deliberations the SEAC decided to defer the case to the next meeting subject to receipt of report from Punjab Pollution Control Board.

Item No. 196.16-196.21 : Check list to scrutinize the project proposals for issuance of Terms of Reference (TOR) and grant of Environmental Clearance (EC) to various projects under the category of Township & Area Development / Building & Construction Projects, Industrial Projects, Mining etc.

The Checklist prepared by the support team of SEIAA & SEAC in consultation with Member Secretary, SEAC for issuance of TOR & grant of EC for various projects under the category of Township & Area Development / Building & Construction Projects, Industrial Projects, Mining etc was discussed in the joint meeting of SEIAA & SEAC held on 12.02.2021, during the meeting, all the members were requested to go through these checklists and provide their inputs to streamline the procedure for scruitnizing the applications. These checklists have been updated after incorporating the comments of various members of SEAC. The upldated checklists were discussed in the meeting.

After detailed deliberations, the SEAC decided to forward these checklists to SEIAA for approval to streamline the process for scruitnizing the applications by the support team of SEIAA & SEAC.

Item No. 196.22: Template for Presentation before SEIAA/SEAC.

The template prepared by the support team of SEAC for presentation of various projects by the Environmental Consultants appearing on behalf of the project proponents was discussed.

After detailed deliberations, the SEAC decided to forward the template for presentation to SEIAA for approval so that the same can be circulated to various Environmental Consultant appearing on behalf of the project proponents from time to time in various cases.