

Proceedings of 179th meeting of State Environment Impact Assessment Authority (SEIAA) held on 12.04.2021 in the Conference Hall no. 1 (Room No. 311) at 11:00 AM, MGSIPA Complex, Sector-26, Chandigarh.

The meeting was attended by the following members:

- 1) Sh. Hardeep Singh Gujral,
Chairman, SEIAA
- 2) Sh. Charandeep Singh, PCS
Member Secretary, SEIAA
- 3) Dr. Adarsh Pal Vig, Member SEIAA
Professor & Director (HRDC-UGC),
Department of Botanical & Environmental Sciences,
Guru Nanak Dev University, Amritsar.

Er. Parveen Saluja Environmental Engineer SEIAA and other supporting staff also attended.

Item No. 179.01: Confirmation of the proceedings of 178th meeting of State Environment Impact Assessment Authority (SEIAA) held on 22.03.2021.

The proceedings of the 178th meeting of State Environment Impact Assessment Authority (SEIAA) held on 22.03.2021 were circulated through E-mail on 26.03.2021. Since no observations have been received from any member of SEIAA, the Proceedings of the 178th meeting as circulated were deemed confirmed.

Item No. 179.02: Action taken on the proceedings of 177th & 178th meeting of State Environment Impact Assessment Authority (SEIAA) held on 08.03.2021 & 22.03.2021 respectively.

SEIAA was apprised that action on the proceedings of 177th & 178th meeting of State Environment Impact Assessment Authority (SEIAA) held on 08.03.2021 and 22.03.2021, respectively, have been completed except item no 178.02 and 178.13, which were placed before SEIAA at item no 179.16 and 179.24 of the instant agenda (179th meeting of SEIAA). SEIAA noted the same and decided that item no. (iv) of 178.02 regarding dedicated office and field level staff and item no. (iii) of 178.13 regarding the violation cases be placed in the joint meeting of SEIAA/SEAC which may be scheduled within the present calendar month.

Item No. 179.03: Application for exemption of Environmental Clearance for M/s. Innovative Housing & Infrastructure Pvt. Ltd. (Mega Integrated Residential Township) at Village Togan and Teera, New Chandigarh, Kharar, Distt. SAS Nagar.

The facts case is as under: -

M/s Innovative Housing & Infrastructure(P) Ltd. vide reference no PCL/2020/2049 dated 13.10.2020 submitted as under: -

The project layout plan (Drawing No. PCL/ RD/ 16 dated 19/09/2017) has been approved vide CTP Letter No. 4439 CTP (Pb. IMPM-161 dated 11-72018 and the same has also notified by the Govt. of Punjab vide letter No. 18/26/18-5hg2/1968 dated. 29/11/2018 This shows that CLU area is 155.9 acres but the net planning/Licensed area of the project is 95.0250 acres, which is about 42.42 hectares, which is less than 50 hectares and being an area development project, they cannot calculate total built-up area at this stage. The project proponent has contended that, as per EIA Notification, 2006, it is not covered under any project/activity.

M/s. Innovative Housing & Infrastructure Pvt. Ltd., requested to exempt their case (Mega Integrated Residential Township) from prior Environmental Clearance as per EIA notification, 2006.

1.0 Deliberations during 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th meeting held on 19.02.2021. SEIAA observed that such type of queries may come up again time to time after the Ministry clarified vide its letter dated that as on date projects with land area less than 50 ha. but built-up area more than 20,000 sq.mts may be appraised as per the provisions of schedule 8(a) of the EIA Notification 2006 as amended from time to time.

SEIAA felt that to clarify the issue, a detailed guideline for the activity: Building/Construction projects/Area Development Project and Townships (8a & 8b) of schedule appended to the EIA Notification are required to be made.

After detailed deliberations, SEIAA decided to remand the case to SEAC for sending the recommendations in the matter and detailed guidelines to be followed up for the activity by the EIA consultants in the State of Punjab.

2.0 Deliberations during 197th meeting of SEAC held on 15.03.2021.

SEAC observed that the matter has been referred by SEIAA to send recommendations in the matter and frame detailed guidelines in the matter to deal with such cases in future.

SEAC observed that the project proponent in this case has mentioned that the total land area of the project for which CLU had been obtained was 155.9 Acres but the net planned area of the project was 95.025 Acres which is about 42.42 Ha and less than 50 Ha and on the basis of the same, the project proponent had sought exemption from obtaining Environment Clearance under the EIA notification 14.09.2006, as the projects having total land area greater than or equal to 50 Ha are required to obtain Environment Clearance under category 8 (b).

SEAC observed that the term Net Planned Area has not been mentioned in the EIA notification dated 14.09.2006 and could not be considered to appraise the projects. Therefore, the land area for which CLU has been obtained by the project proponent would be considered for ascertaining the applicability of the said Notification.

SEAC further observed that the project proponent had submitted that being an area development project, it was not in a position to calculate the total built up area. In this regard, SEAC observed that the built-up area, in the cases where total land area is less than 50 Ha, shall be calculated on the basis of the permissible FAR, as prescribed by the concerned authority.

SEAC was appraised that Regional office, MoEF&CC vide letter no. 1-5/ 2018/ Miscellaneous/ Env.205 dated 15.04.2019 has clarified that *the projects with land area less than 50 Ha. but built-up area more than 20,000 Sqms may be appraised as per the provisions of Schedule 8 (a) of the EIA notification 2006 as amended from time to time.*

After detailed deliberations, SEAC decided as under:

1. The project namely M/s. Innovative Housing & Infrastructure Pvt. Ltd. (Mega Integrated Residential Township) at Vill. Togan and Teera, New Chandigarh, Kharar, Distt. SAS Nagar, cannot be given exemption from obtaining Environment Clearance under the provisions of EIA notification dated 14.09.2006 as the total land area for which CLU was obtained was 155.9 Acres (63.09 ha) which is more than 50 Ha. and thus, the project is covered under category 8 (b) of the schedule attached to the said notification.
2. In view of EIA Notification dated 14.09.2006 for Building / Construction Projects/ Area Development Projects and Townships and clarification given by Regional Office, Ministry of Environment, Forest & Climate Change, Chandigarh vide letter no. 1-5/ 2018/ Miscellaneous/ Env.205 dated 15.04.2019, the following guidelines be adopted in future:
 - a) The land area for which CLU has been obtained shall be considered for ascertaining the applicability of the EIA notification dated 14.09.2006 and not the Net Planned Area.
 - b) In all the cases in which the total land area is less than 50 Ha, the total built up area shall be calculated on the basis of the permissible FAR, as prescribed by the concerned authority.

- c) The projects with land area less than 50 Ha but built-up area more than 20,000 Sqms will be appraised as per the provisions of Schedule 8 (a) of the EIA notification 2006 as amended from time to time, as clarified by Regional office, MoEF&CC, Chandigarh vide letter no. 1-5/ 2018/ Miscellaneous/Env.205 dated 15.04.2019.

3.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Deepak Gupta and Mr. Sital Singh, M/s CPTL, EIA, Mohali Environmental Consultant on behalf of the promoter company.

Environmental Consultant of the promoter company informed that the project proposal was granted Terms of Reference on 04.02.2021 by the MoEF&CC and that the application for obtaining Environmental Clearance will be submitted to SEIAA shortly. SEIAA observed that as the TORs have been approved by the MOEF&CC and the process of obtaining Environmental Clearance has been initiated by the Project Proponent, their request to exempt their Project from obtaining Environmental Clearance has become infructuous.

After deliberations, SEIAA decided as under: -

- i) that application of the Project Proponent seeking exemption from obtaining EC be filed as it had become infructuous.
- ii) The Project Proponent be informed as above and be directed not to undertake any work or activity except securing of land prior to grant of requisite Environment Clearance.
- iii) The recommendations made by SEAC regarding processing of cases in which the Project Proponents were not submitting full details of the proposed Built-up area would be taken up in the next Joint Meeting of SEIAA and SEAC.

Item No. 179.04: Regarding review of conditions imposed in the Environmental Clearance being granted to the induction furnace industrial units under the provisions of EIA notification dated 14.09.2006.

Facts of the matter are as under:

Member Secretary, Punjab Pollution Control Board vide letter no. 4144 dated 23.12.2020, informed that SEIAA was earlier requested vide letter no. 1892 dated 02.07.2020 to review some of the conditions being imposed in the Environmental Clearances being granted by the SEIAA and issue the necessary modification letter in the form of Corrigendum, so that the Punjab Pollution Control Board may grant consent to operate under the Water (Prevention & Control of Pollution)

Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 to the industrial units. However, necessary action/response from SEIAA, Punjab is still awaited.

The comments of Punjab Pollution Control Board on their relevancy/ applicability of conditions of Environmental Clearances are as under:

Sr. No.	Condition of EC	Comments of PPCB
1.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ 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. (case to case basis small plants: Manual; Large plants: Continuous)	It is intimated that a common CAQMS has been installed in the Mandi Gobindgarh area as per the guidelines of CPCB and no separate CAQMS may be insisted upon to be installed by each Separate unit.
2.	The project proponent shall install 24x7 continuous effluent monitoring system 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 7 th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous) Adhere to ‘Zero Liquid Discharge’.	Continuous effluent monitoring system is not required as there is no discharge of waste water from the process of induction furnace units.

3.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	There is no colony/labour quarter in most of the industrial premises. There is generation of about less than 10 KLD of domestic effluent for which the industry installs septic tank. The treated domestic effluent is being discharged onto land for plantation/into Public sewer depending upon location of unit. As such, STP conditions may not be imposed in such units.
4.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species (having Wide canopy type structure and especially trees not grass) in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant as assured during the presentation. The industry shall ensure that most of the periphery shall be provided with green belt by removing the unwanted/non-productive structures already provided in the existing project near the boundary wall. Wide canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.	In most of the induction furnace units, no space is available for plantation to comply with the conditions imposed in the Environmental Clearance. This office is of the opinion that at the time of submission of documents for obtaining Environmental Clearance, the industry may be asked to submit the layout plan showing the plantation to be carried out and the same should be shared with Punjab Pollution Control Board, to ensure compliance.
5.	The project proponent shall provide STP for treatment of waste water & reutilization of the treated water for core/non-core activities 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.	Mostly, there is no colony/labour quarter in the industrial premises. There is generation of about less than 10 KLD of domestic effluent for which the industry installs septic tank. The treated domestic effluent is discharged onto land for plantation. As such, STP condition may not be imposed on such units.

Further, it was informed that the Punjab Pollution Control Board will continue to grant consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 to the industrial units with compliance as above for the said

conditions of Environmental Clearance granted in the past so that industrial growth in the State is not hampered in view of industry being already under economic stress due to COVID-19.

1.0 Deliberations during 176th meeting of SEIAA held on 19.02.2021.

The matter was considered by SEIAA in its 176th meeting held on 19.02.2021. After deliberation SEIAA decided to remand the matter to SEAC for examination of the condition of Environmental Clearance viz-a-viz comments of the PPCB and sending recommendations in the matter.

2.0 Deliberations during 197th meeting of SEAC held on 15.03.2021.

SEAC observed that Punjab Pollution Control Board has commented on some of the conditions being imposed while granting Environmental Clearance to induction furnaces industrial units under the provisions of EIA notification 14.09.2006.

After detailed deliberations, SEAC decided as under:

1. The condition for installing separate Continuous Ambient Air Quality Monitoring System (CAAQMS) by the project proponent shall not be imposed in cases where adequate no. of CAAQMS has already been installed by PPCB.
2. The condition for installing Continuous Effluent Monitoring System by the project proponent shall not be imposed in induction furnace cases, as there is no discharge of wastewater from the process of induction furnace units as pointed out by PPCB.
3. The project proponent shall provide septic tank where the discharge of domestic wastewater is less than 10 KLD and STP for the discharge more than 10 KLD.
4. A copy of the layout plan, as submitted by the Project Proponent, showing the plantation be shared with Punjab Pollution Control Board, along with copy of Environment Clearance, to ensure compliance.

3.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA observed that SEAC had recommended that no separate CAAQMS may be insisted upon for each separate unit. While agreeing with the recommendation of SEAC, SEIAA was of the view that manual monitoring stations should be installed to carry out the monitoring of main Air Pollutants so as to assess the pollution caused by each unit.

After detailed deliberations, SEIAA decided to accept the recommendations No 1 to 4 of SEAC in para 2.0 above with proviso of ensuring manual monitoring in the condition no. (1). Further, PPCB may also be informed as above in reference to their letter no. 4144 dated 23.12.2020.

Item No.179.05: 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).

The facts of the case are as under:

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.III 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 through NEFT by UTR no. ICICR42020091800862325 dated 18.09.2020. 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 Pharmaceutical Ltd.

3.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by the following:

- i) Sh. Rahul Goel, Director.
- ii) Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office 1, Patiala vide letter no. 1112 dated 01.03.2021 has sent the latest construction status report and the contents of the report are given as under:

Sr.no.	Report sought by SEIAA	Remarks
1.	Construction/Installation status of the newly proposed project of the industry	<p>(i) The proposed site of the project is the unit premises of M/s Surya Pharmaceutical Ltd., which was lying closed since long and the site is in brownfield condition.</p> <p>(ii) All the utilities/ manufacturing/ treatment sections are in inoperable condition.</p> <p>(iii) The drains already built up within the premises for carrying effluent to the treatment plants were in heavily damaged conditions.</p> <p>(iv) The industry has not installed any additional machinery relating to the proposed project and only repair of existing utilities/manufacturing/treatment sections was under progress.</p>
2.	Status of physical structures within 500 m radius of the site including the status of industries, if any	The site of the industry is surrounding by agriculture field and them exist one distillery unit namely M/s Chandigarh Distillers & Bottlers Ltd within 500 m radius of the site of the proposed industry.
3.	Status of consent to establish/NOC from PPCB for M/s Surya Pharmaceutical Ltd.	The industry M/s Sam Biotech Ltd. (Predecessor of M/s Surya Pharmaceutical Ltd) was granted ‘consent to establish’ (NOC) vide no. PTA-609 dated 31.01.2000 for setting up an industrial unit to manufacture Ampicillin Trihydrate @ 400 Kg/day, Amoxycillin Trihydrate @ 400 Kg/day Cloxacillin Sodium @ 400 Kg/day, Cephalexin Monohydrate @ 600 Kg/day, 6 APA @@ 850 Kg/day, CMI Chloride @340

		<p>Kg/day m 7 ADCA @ 340 Kg/day, Trimethoprim @ 1000 Kg/day Sulphamethoxazole @ 4000 Kg/day, subject to certain condition as mentioned therein and was granted site clearance by the MoEF vide no. J-11011/78/99-1A-11 dated 06.06.2000 for the manufacturing of same product.</p>
<p>4.</p>	<p>Whether any directions 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.</p>	<p>Earlier, directions u/s 33-A of the water Act, 1974 were issued to the industry for disconnection of the electrical connection and later on amended direction were issued u/s 33-A of the said Act for restoration of electricity connection temporarily restoration up to 15.08.2012 lastly the Board extended the validity of temporarily restoration of supply up to 30.03.2013 by directing the PSPCL u/s 33-A of the water Act, 1974 vide no. 2356-57 dated 08.04.2013.</p> <p>However, as per the record of the office, the industry was lying closed since June, 2012. Thereafter, the industry was lastly issued directions u/s 5 of the Environment (Protection) Act, 1986 by the CPCB vide no. 8713 dated 03.03.2016, to not to re-start operation of its unit till online effluent monitoring system are installed at effluent outlets (flow meter and camera for unit sending effluent to CETP/ zero liquid discharge units) in notified unit/area and the same are uplinked with CPCB website.</p> <p>Later, the Liquidation process was commenced in case of Surya Pharmaceutical Ltd (“Corporate Debtor”) (L24232DL1992PLC227186) (old CIN No. L24232HP1992PLC023861) under the provisions of insolvency and Bankruptcy</p>

		code, 2016 (“Code”) by an order of National Company Law Tribunal (“NCLT”), Special Bench, New Delhi w.e.f. 09.08.2019.
5.	Validity details of last CTO issued under Air/Water Act to M/s Surya Pharmaceutical Ltd.	The industry M/s Surya Pharmaceutical Ltd. Was lastly granted ‘consent to Operate’ under the water Act, 1974 vide no. R12SASCTOW43589 dated 21.08.2012 and under the Air Act, 1981 R12SASCTOA43600 dated 21.08.2012, which had already expired on 30.09.2013, for manufacturing of bulk drug/ APIs Phyto product @50.00 Kg/day, Menthol @ 6666.67 Kg/day, 7 ACCA @ 100.00 Kg/day, 7ANCA @ 80.00 Kg/day, Cefixime @ 333.33 Kg/day Cefuroxime axetil @ 116.67 Kg/day Cefpodoxime Proxetil @ 60.00 Kg/day Cefradien @ 66.67 Kg/day, Cefprozil 66.67 Kg/day, Cefdinir @ 66.67 Kg/day , Cephalexin & Cephalosporin product @ 333.33 Kg/day Cefaclor @ 50.00 Kg/day, Cefadroxil @ 333.33 Kg/day (i.e. different product than mentioned in the present project proposal).

The project proponent had applied for obtaining ‘consent to establish’ (NOC) for establishment of unit under the name & style of M/s Vincit Labs Pvt. Ltd at the site of existing industry earlier operating under the name & style of M/s Surya Pharmaceutical Ltd. at village Banur, Tehsil Mohali, District SAS Nagar, for manufacturing of Corticosteroids @ 240 MT/year, Oncology @ 120 MT/year, Vitamins @ 120 MT/years Antacids @ 1200 MT/years, Cephalosporins @ 1200 MT/years, Herbals & Phytochemicals @ 240 MT/year, & Ant-Diabetics @ 240 MT/year, Anti-Fungal @ 120 MT years, Anti-Hypertensive @ 120 MT/year, Anti-Virals @ 120 MT/year, Carbapenems @ 120 MT/year, Cardiovascular @ 480 MT/year, Anti-Parkinson @ 120 MT/year, Hormones @ 120 MT/year, Bulk APIs @ 7800 MT/year, Menthol @ Derivatives @ 3600 MT/year, R&D @ 600 MT/Year by using various chemicals as raw material. M/s Vincit Labs Pvt. Ltd. was granted ‘consent to establish’ (NOC) vide no. CTE/Fresh/SAS/202013884506 dated 12.11.2020 having validity up to 11.11.2021 for the same subject to certain conditions as mentioned therein.

SEAC observed that as per the report from Punjab Pollution Control Board no construction work has been started by the Project Proponent till date. SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

Sr. No.	Description	Particulars		
1.	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’		
2.	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		
3.	Total Project Cost (In Crores):	59.80Crore		
4.	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

5.	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
		Boiler Area	1474.1
		Ground Coverage	27546.4
		Total Green Belt Area	41337.189
6.	<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>	
7.	<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>No litigation is pending.</p> <p>No, as per undertaking submitted by the project proponent</p>	
8.	Raw material details:	The number of raw materials is very high. It is provided as Annexure-VI in additional documents.	
9.	Manpower requirement (After expansion)	400 (Direct), 200 (Indirect)	
10.	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				
11.	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	
12.	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	
13.	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	
14.	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				
15.	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	15.0	45.0	60.0

			water demand for cooling purpose			
		Total		21	50	71
		3.	Green area water demand	45 KLD		
		Sources of water:				
		S.N	Purposes	Source of water		
		1.	Domestic	Ground water		
		2.	Make-up water demand for cooling	Treated water		
		4.	Green area water demand	Treated water		
16.	Water balance chart for Summer, Rainy and Winter seasons	Submitted				
17.	Rain Water utilization proposal during monsoons	Submitted				
18.	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch	Village Pond of village Bathlana, Tehsil & District Mohali, SAS Nagar, will be adopted for rainwater recharge.				
19.	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				
20.	a. EMP Budget details	a. EMP budget details: During operational phase				
		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

“Proceedings of 179th meeting
held on 12.04.2021”

b. Details of Environment Management Cell (EMC) responsible for implementation of EMP					ammonical nitrogen & bioassay	
	4	Drinking Water	Rs. 1.20	Every Three Months	As per BIS standard	
	During construction phase					
	S. No	Particulars	Capital Cost (Lacs)	Annual Recurring cost (Lacs)	Parameters covered	
	1	Multi Cyclone & scrubber	50	2.5	SPM ,CO2,NO2, and Acid mist	
	2	MEE	150	1.5		
	3	Incinerator	75	1.5	SPM ,CO, Acid mist	
	4	ETP	40	2	Ph, TSS,TDS,CO D,BOD,O/G, Phenolic compound ammonical nitrogen & bioassay	
	5	Green area	10	0.5	Saplings transportati on, fertilizers horticulturis t etc.	
	Total cost		325	8		
21.	Project area involves forest land, (Yes/No),	No				
22.	Traffic Study Details:	Not Applicable				

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The Project Proponent shall earmark at least Rs. 600 per plant for plantation.	The project proponent informed that the total no. of trees to be planted are 6332 out of which 5000 trees have already been planted. Thus, for remaining 1332 trees, the cost per plant in the EMP will be considered as Rs. 600.

2.	The project proponent shall submit proper layout plan having proper dimensions of the green area.	Submitted
3.	The Project Proponent shall submit undertaking to the effect that the existing 5000 trees shall be properly maintained.	Submitted
4.	The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.	Agreed by the Project Proponent.
5.	The Project Proponent shall carry out toxicological study after operationalizing the unit	Agreed by the Project Proponent.

Recommendations

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B2, Activity 5 (f) as per MOEF&CC OM dated 13.04.2020 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for establishment of pharmaceutical unit at village- Banur, District SAS Nagar by M/s Vincit Lab Pvt. Ltd. as per the details mentioned in the application & subsequent presentation /clarifications made by the project proponent & his consultant and conditions are as under:

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 the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water 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 competent authority.

- v. 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 Punjab State pollution Control Board/ Committee.
- 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 competent authority, if any
- ix. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised 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 labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion 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 for small units) within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with
- viii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

III. Water quality monitoring and preservation

- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- ii. The project proponent shall provide Multiple Effect Evaporator for the treatment of high TDS wastewater @ 12 KLD. The MEE condensate shall be utilized in the cooling tower. Separate ETP shall be installed for the treatment of low TDS wastewater @ 58.5 KLD and domestic effluent @ 23 KLD to be generated from the industry. The treated wastewater from the ETP shall be utilized onto land for plantation.
- iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- iv. Total fresh water requirement shall not exceed the 447 KLD. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- vi. The Company shall store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.
- vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii. Provide electromagnetic flow meter at intake of water supply from the at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used

for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.

- ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
- xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

IV. Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

V. Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

VI. Waste management

- i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed of after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- iv. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.

- v. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
- vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.
- vii. The company shall undertake waste minimization measures as below: -
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt

- i. The green belt shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department. Total 6332 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete.

VIII. Safety, 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- viii. A first aid room will be provided in the project both during construction and operation phase of the project.

IX Validity of Environmental Clearance.

- 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

X. Miscellaneous

- i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iv. 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.
- v. 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.
- vi. 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.
- vii. 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.

- viii. 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.
- ix. 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.
- x. 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.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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.
- xiii. 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).
- xiv. 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.
- xv. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. The Regional Office of this Ministry or 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.
- xviii. 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.

- xix. 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.

XI. ADDITIONAL CONDITIONS:

- i. The Environmental Clearance is granted to the project subject to the condition that industry shall obtain change of land use for the industrial purposes and submit a copy of the same to SEIAA. In case, CLU has been rejected for industrial use for any reason, SEIAA will not be responsible for the cost incurred on the project.
- ii. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.
- iii. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.
- iv. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.
- v. The project proponent shall practice rainwater harvesting to maximum possible extent. For this a village pond located at Village Bathlana, Tehsil & District Mohali, SAS Nagar, shall be adopted for desilting to recharge the rainwater. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytorid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to purification of water and collected into 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. The Project Proponent shall carry out toxicological study after operationalizing the unit.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Rahul Goel and Mr. Sital Singh, M/s CPTL, EIA, Mohali Environmental Consultant on behalf of the promoter company.

Environmental Consultant of the promoter company presented the salient features. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for grant of EC.

SEIAA observed that the case stands recommended by SEAC and the Committee has awarded ‘Silver Grading’ to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of pharmaceutical unit at village- Banur, District SAS Nagar, Punjab by M/s Vincit Lab Pvt. Ltd. as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures, conditions as recommended by SEAC and accepted by the Project Proponent.

Item No.179.06: 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).

The facts of the case are as under:

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.III 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 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 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.

3.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by the following:

1. Sh. Pardeep Goel, Senior Manager by Viva Chem APIs.
2. Mr. MAF Khan, DG Goswami, EIA coordinator, M/s Enkay Enviro Services Pvt. Ltd.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office Ludhiana, vide letter no. 2682 dated 12.03.2021 has sent the latest construction status report and the contents of the report are given as under:

- I. The Project has neither started any construction nor installed any machinery at the proposed site, however is raising the level of the ground at site as the site is at lower level than the adjoining plot where the project proponent is having adjoining unit in the name of M/s Vivachem Intermediates Pvt. Ltd. Industrial Focal Point, Raikot, Ludhiana.
- II. The proposed project site is situated adjoining to the industrial Focal Point, Raikot, Ludhiana and has an adjoining operational industry M/s Vivachem Intermediates Pvt. Ltd. Industrial Focal Point, Raikot, Ludhiana which is sister concern unit. There are 4 more industries within 500 m radius of the proposed site.
- III. M/s Viva API LAB PVT. LTD has not yet obtained consent of establish/NOC from PPCB.
- IV. Distance of the proposed site from the boundary of the critically polluted area (Ludhiana) is approx. 35 km.
- V. Since there are no specific siting guidelines framed by PPCB for such type of units general siting guidelines are applicable wherein:

All Red/Orange/Green category of industries, which are to be established in the areas/ Zone other than designated/approved areas such as Industrial area/Industrial Estate/Industrial Focal Point/Approved Industrial Park/Industrial Zone of the statutory/non-statutory Master Plans, will be allowed to set up at a distance of 100 m outside the Municipal Council limits/Phirni of village/designated residential area/residential area comprising of 15 pucca houses by the competent authority of the State. In such cases, certificate of its location/situation from the nearest village lal lakir/phirni/ MC limits from the revenue authority such as Deputy Commissioner/Additional Deputy Commissioner or the Sub-Divisional Magistrate will be required for grant of consent to establish (NOC)/authorization by the Board.

However, the project proponent has submitted a letter in this office issued by District Town Planner, Ludhiana vided no. 2377 DTP(L) M2A dated 15.10.2020 stating that the land use classification of the site of the industry having land area 13.59 Acres bearing Khasra No. 215//11/2, 12/2, 13/1, 18/2, 19,20, 216//3, 4, 5/1, 6/2,7,8, 13/2, 14, 15/1, 15/2, 16, 17, 24/2/2, 25/1/1, 215//9/1, 10/2, 11/1, 12/1, 216//15/1/2/1,16/1/1 falls under MC limits of Raikot, Ludhiana. Proposed site falls under industrial zone as per Draft Master plan Raikot (2014-34) and all types of industrial units are allowed in this zone. However, the industry needs to obtain CLU from the concerned authority before starting any activity at site. The copy of the letter issued by DTP is also enclosed along with as attachment.

SEAC observed that as per the report from Punjab Pollution Control Board, no construction work has been started by the Project Proponent till date. SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

1.	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.
2.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B2 Activity- 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; Bulk.
3.	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	NO

	critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)																					
4.	a. Total Project Cost (In Crores):	135.91 crores																				
5.	Details of technology proposed for control of emissions & effluents generated from project	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Capacity</th> <th>Technology</th> </tr> </thead> <tbody> <tr> <td>Effluent Treatment Plant</td> <td>300 KLD to treat 248 KLD of industrial wastewater</td> <td>ETP, RO, MVR/MEE, STP,</td> </tr> <tr> <td>Domestic effluent</td> <td>25 KLD STP proposed</td> <td></td> </tr> </tbody> </table>	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												
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																					
6.	Plot Area Details	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Land Use</th> <th>Proposed Area (Acres)</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plant Area, Office Area (Ground coverage)</td> <td>8.007</td> <td>44.30%</td> </tr> <tr> <td>2.</td> <td>Paved Area (Road, Corridor, Parking and Drainage)</td> <td>3.87</td> <td>21.41%</td> </tr> <tr> <td>3.</td> <td>Green Belt Area & Open Area</td> <td>6.198</td> <td>34.29%</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>18.075</td> <td>100</td> </tr> </tbody> </table>	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
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																			
7.	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																				
8.	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																				
9.	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.	Undertaking submitted in this regard																				

10.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	Sr.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
11.	Solid Waste generation and its mode of disposal:	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		
12.	Waste water generation & its disposal Arrangement in Operation Phase:	S. No.	Liquid Effluents	Quantity	Unit	Mode of Treatment/ Disposal
		1.	Industrial waste water	248	KL D	Low TDS Effluent Treated in To ETP (capacity 300 M3/Day)

						&ETP comprises of 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	KL D	The domestic sewage is being/will be treated in proposed STP having capacity of 25 KLD. Treated water is being utilized for plantation
13.	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.				
14.	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				
15.	Water balance chart for Summer, Rainy and Winter seasons	Submitted.				

16.	Blockwise details of no. of trees to be planted in proposed greenbelt area (1500 Trees to be planted @ 10000 Sqm area)	Plan submitted				
17.	a. EMP Budget details	EMP budget details: During operational phase				
		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 waste water at site
		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 check-up, PPEs etc
		6	Green belt &	12	3	Capital cost would include cost of plant species and labour 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	
18.	Details of the activities proposed to be covered under CER be provided in below format	Submitted				
19.	Project area involves forest land, (Yes/No),	No				

	If yes , then details of the extent of area involved and copy of permission & approval for the use of forest land	
20.	Traffic Study Details:	Submitted

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The Project Proponent shall consider the cost per plant as Rs. 600.	Agreed by the Project Proponent.
2.	The project proponent shall submit proper layout plan having proper dimensions of the green area.	Submitted
3.	The project proponent shall carryout plantation in the first and second year and submit the revised EMP in this regard.	Submitted

S. No.	Year	Proposed No. of plants	Proposed Species
1	Ist Year	2000	Azadirachta indica A.juss, Cassia siamea Lamk, Polyalthia longifolia (Sonn.) Thwaites; Acacia sapota Linn, Aegle marmelos (Linn) Correa; Albizia lebeck Benth; Annona squamosa Linn.; Anthocephalus chinensis, Balanites roxburghii Planch; Bauhinia semla Wanderlin; Bauhinia variegata Linn; Callistemon citrinus; Carissa spinarum Linn; Cassia fistula; Dalbergia sisoo; Delonix regia; Emblica officinalis; Mangifera indica etc
2	II nd Year	1800	
Total		3800	

Budget

A capital cost provision of Rs.22,80,000/- has been kept for development of greenbelt as given in table below the budget includes cost of digging of pits, fertilizers, saplings and maintenance @600/- per plant in two years

Year	I st Year	II nd Year	Total
No. of plants	2000	1800	3800

The budget includes cost of digging of pits, fertilizers, saplings and maintenance @ Rs. 600/- per sapling	Rs.12,00000/	Rs. 10,80,000/	Rs. 22,80,000/
4.	The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.	Agreed by the Project Proponent.	

4.0 Recommendations

After detailed deliberations, SEAC decided to award 'Silver Grading' to the project proposal under category B2, Activity 5 (f) as per MOEF&CC OM dated 13.04.2020 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for establishment of pharmaceutical unit at village- Raikot, Tehsil Raikot, District Ludhiana M/s Viva API Labs Pvt. Ltd. as per the details mentioned in the application & subsequent presentation /clarifications made by the project proponent & his consultant and conditions are as under:

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 the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water 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 competent authority.
- v. 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 Punjab State pollution Control Board/ Committee.

- 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 competent authority, if any
- ix. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised 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 labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 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 for small units) within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with

- viii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

III. Water quality monitoring and preservation

- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- ii. The project proponent shall provide Multiple Effect Evaporator of capacity @ 50 KLD for the treatment of high TDS wastewater generated from the process @ 14 KLD and the RO reject @ 22 KLD. The MEE condensate shall be utilized in the cooling tower. Separate ETP @ 300 KLD shall be installed for the treatment of low TDS wastewater, Boiler blowdown, Cooling Tower blowdown and wastewater generated from flower washing and Equipment washing. The treated wastewater from the ETP shall be treated in RO and the RO permeate shall be utilized in the cooling tower. The domestic sewage (18 KLD) will be treated in proposed STP having capacity of 25 KLD.
- iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- iv. Total fresh water requirement shall not exceed the 447 KLD. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- vi. The Company shall store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.
- vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii. Provide electromagnetic flow meter at intake of water supply from the at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.

- ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
- xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

IV. Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

V. Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

VI. Waste management

- i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed of after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- iv. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- v. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

- vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.
- vii. The company shall undertake waste minimization measures as below: -
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt

- i. The green belt shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department. Total 3764 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete.

VIII. Safety, 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- viii. A first aid room will be provided in the project both during construction and operation phase of the project.

IX Validity of Environmental Clearance.

- 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

X. Miscellaneous

- i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iv. 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.
- v. 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.
- vi. 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.
- vii. 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.
- viii. 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.

- ix. 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.
 - x. 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.
 - xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - xii. 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.
 - xiii. 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).
 - xiv. 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.
 - xv. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xvi. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xvii. The Regional Office of this Ministry or 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.
 - xviii. 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.
 - xix. 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.
- XI. ADDITIONAL CONDITIONS:**
- i. The Environmental Clearance is granted to the project subject to the condition that industry shall obtain change of land use for the industrial purposes and submit a copy of

the same to SEIAA. In case, CLU has been rejected for industrial use for any reason, SEIAA will not be responsible for the cost incurred on the project.

- ii. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations should be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- iii. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.
- iv. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.
- v. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.
- vi. The project proponent shall practice rainwater harvesting to maximum possible extent. For this village ponds located at Villages- Jalaldiwal, Ramgarh Sivian, Bassian, Johlan, Tajpur, Talwandi Rai, Andlu, Tehsil Raikot, District Ludhiana, shall be adopted for desilting to recharge the rainwater. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytorid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to purification of water and collected into 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.

5.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Pardeep Goel, Sr. Manager and Sh. Divyesh Giri Goswami, M/s Enkay Enviro Services Pvt. Ltd. Jaipur, Environmental Consultant on behalf of the promoter company.

Before allowing the presentation, to a query of SEIAA, regarding raising the level of ground at site, project proponent informed that the level of the ground was raised to construct the boundary wall for securing the land. No construction work or preparation of land has been made by the project management except for securing the land. The undertaking submitted in this regard was taken on record by SEIAA.

Environmental Consultant of the promoter company presented the salient features. During

discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for grant of EC.

SEIAA observed that the case stands recommended by SEAC and the Committee has awarded ‘Silver Grading’ to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of pharmaceutical unit at village- Raikot, Tehsil Raikot, District Ludhiana by M/s Viva API Labs Pvt. Ltd. as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures, conditions as recommended by SEAC with an additional condition that Project Proponent will submit the NOC from the concerned territorial and wildlife DFO’s that no Forest/PLPA/Wildlife areas are involved, within the two months.

Item No. 179.07 Application for issuance of TORs for expansion in existing steel manufacturing unit having existing capacity 28,000 TPA of steel Billets/Ingots to 2,90,500 TPA of steel Billets/Ingots and Rolled/Flats products having capacity 1,40,500 TPA to 2,90,500 TPA by addition of induction Furnace at Village- Harian, P.O. Uppal, Machhiwara road, Tehsil- Koom Kalan, District- Ludhiana, Punjab by M/s Aarti Steels Ltd. (Proposal No. SIA/PB/IND/60578/2021).

The facts of the case are as under:

The project proponent has applied for issuance of TORs to M/s Aarti Steels Ltd. Ltd for expansion in existing steel manufacturing unit having existing capacity 28,000 TPA of steel Billets/Ingots to 2,90,500 TPA of steel Billets/Ingots and Rolled/Flats products having capacity 1,40,500 TPA to 2,90,500 TPA by addition of induction Furnace at Village- Harian, P.O. Uppal, Machhiwara road, Tehsil- Koom Kalan, District- Ludhiana, Punjab. Project is covered under Activity 3(a) & Category ‘B1’ as per EIA notification-2006.

The project proponent submitted the Form I, Pre-feasibility report and other additional documents on online portal. He has also deposited the requisite fee through NEFT NO. SBINR52021021211019331 dated 12.02.2021. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.

The Environmental Engineer PPCB, RO1 Ludhiana was requested vide e-mail dated 04.03.2021 and 09.03.2021 to send the latest construction status report.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The meeting was attended by the following:

1. Sh. Rajesh Sharma. Chief Financial Officer.
2. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office 1, Ludhiana vide letter no. 925 dated 15.03.2021 has sent the latest construction status report and the contents of the report are given as under:

- i) The site is located on Kohara, Machhiwara Road, District Ludhiana.
- ii) The civil work of the ground level foundation and steel structure work is under process at site. The civil work is recently started, hence presently no machinery installed/arrived at site.
- iii) 3. There are two industrial units, around 90-100 labour quarter and 40-50 shops within 500 mtr radius of the site.
- iv) This project has already obtained consent to establish NOC from the Board for the installation of one induction furnace of capacity 8 TPH with one rolling Mill. This NOC vide no. CTE/Fresh/LDH1/2020/14178271 dated 25.11.2020 valid up to 24.11.2021.
- v) The project site is located more than 20 k.m. from the boundary of critical polluted area (Ludhiana).
- vi) As per the DTP certificate issued vide memo no.2457 dated 23.10.2020 site of the project falls under Industrial Zone as per Master Plan, Ludhiana (2007-31). Hence, the site is meeting with sitting guidelines, being located in Industrial Zone.

SEAC observed that as per the report from Punjab Pollution Control Board civil work of the ground level foundation and steel structure work was under process at site. The civil work was recently started, hence presently no machinery installed/arrived at site. As such, the case would not be considered as a violation case, as no new machinery has been installed at the site by the Project Proponent and only ground work had been started till date.

SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

Sr. No.	Description	Details
1.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is an expansion project. But due to existing capacity of 28,000 TPA, earlier EC was not required.
2.	Nature of project (Fresh EC/EC for Expansion/New)	Fresh EC

3.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	(a) B1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.			
4.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	The project sites are located at distance of more than 5.0 km from MC Limit Ludhiana.			
5.	Existing production Capacity (TPA)	Steel Billet/Ingots:28000 TPA Rolled/Flats/Industrial Rounds- 1,40,000TPA			
6.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 5,10,100/- is submitted through RTGS- UTR NO: SBINR52021021211019331 on dated 12 th Feb., 2021			
7.	Whether the project is neither located near to PLPA area or fall in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.			
8.	Classification/Land use pattern as per Master Plan	The PP has obtained CLU from the Department of Town & Country Planning for an area of 12.625 acres vide letter no. 2666 dated 07.12.2020. The industry has taken another 10.275 acres from its sister concern namely M/s Aarti international Ltd. for which the latter had already obtained CLU from Department of Town & Country Planning vide letter no. 6162 dated 14.12.2016.			
9.	Details of block as per CGWA guideline (Notified/ Non-Notified area) in which project site is located	The project site falls in Doraha Block which is notified area as per CGWA guidelines.			
10	Project Area Details:				
	S. No.	Details	Existing Land	Proposed Additional Land	Total land after Expansion
	1.	Plot Area (in sqm)	92673	---	92673
	2.	Current Price of land (Rs. in Crores)	Lease land		
11	Total project cost breakup including cost of land, Building, Infrastructure, APCD and Plant & Machinery duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant in the following format:				

S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)	
1	Cost of Land at current price level & area in sqm	5.64	6.21	11.85	
2	Building	28.64	62.75	91.39	
3	APCD	0.50	3	3.5	
4	* Plant & Machinery	38.47	58.83	97.30	
Total		73.25	130.79	204.04	
*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 as per Quotation and Environment Management Plan. Accordingly, total project cost should be included in the EIA report.					
12	Raw Material requirement as per following format:				
	S.No.	Raw Material name	Existing (TPD)	Proposed (TPD)	After Expansion (TPD)
	1.	MS Scrap, Cl, Sponge Iron, Ferro alloys	88	825	913
13	Production Capacity as per following format:				
	S.No.	Product name	Existing (TPD)	Proposed (TPD)	After Expansion (TPD)
	1.	Steel Billets/ Ingots	80	750	830
14	Details of major productive machinery/plant				
	S. No.	Particulars	Existing	Proposed	After Expansion
	1.	Induction Furnace, rolling mill (Hot/cold rolled) & CCM	1X8TPH, CONCAST and Rolling Mill	2X25 TPH, LRF 30TPH, VD and upgradation of Rolling mill	1X8 TPH, 2X25 TPH, LRF 30TPH, VD, CONCAST and upgradation of Rolling mill

15	Status of Proposed ToRs	Standard TORs submitted.
----	-------------------------	--------------------------

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.	Agreed by the Project Proponent.

The Environmental Consultant Project Proponent informed the Committee that the study to collect the baseline data was started in the month of February 2021 and this study be allowed to be used for preparation of EIA report. The SEAC accepted the request of the Project Proponent in this regard.

After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study shall be carried out by Environmental Consultant for one-month additional study with effect from date of application of ToRs (except monsoon season), which shall include at least five days of traffic study. The Committee approved the following Terms of Reference for expansion in existing steel manufacturing unit having existing capacity 28,000 TPA of steel Billets/Ingots to 2,90,500 TPA of steel Billets/Ingots and Rolled/Flats products having capacity 1,40,500 TPA to 2,90,500 TPA by addition of induction Furnace at Village- Harijan, P.O. Uppal, Machhiwara road, Tehsil- Koom Kalan, District- Ludhiana, Punjab by M/s Aarti Steels Ltd. for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the following TORs:

A. STANDARD TERMS OF REFERENCE

1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.

- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e., www.pbdecc.gov.in)

2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.

- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:
 - a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies 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 shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.

- (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
- (xi) Geological features and Geo-hydrological status of the study area shall be included.
- (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- (xiv) R&R details in respect of land in line with state Government policy

5) Forest and wildlife related issues (if applicable):

- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
- (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

6) Environmental Status

- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be

based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.

- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.
- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of

raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.

- (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
- (v) Details of stack emission and action plan for control of emissions to meet standards.
- (vi) Measures for fugitive emission control
- (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
- (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
- (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- (xii) Action plan for post-project environmental monitoring shall be submitted.
- (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.

8) Occupational health

- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
- (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same.

Details regarding last month analysed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.

- (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
- (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

9) Corporate Environment Policy

- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
- (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report

10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.

11) Enterprise Social Commitment (ESC)

(i) To address the Public Hearing issues, 2.5% of the total project cost of (Rs. ___crores), amounting to Rs. ___crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget

12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.

13) A tabular chart with index for points wise compliance of above TORs.

B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.
- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).
- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC

- i) Public consultation is required for the projects as not located in notified industrial parks/estates.
- ii) Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF).
- iii) Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
- iv) Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery

- v) Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
- vi) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located otherwise project proponent shall submit the Change of land use of the project site.
- vii) Compliance of 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) Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
 - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
 - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
 - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater
- ix) Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- x) STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities 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.
- xi) 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.
- xii) In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO₄ etc. An agreement to this effect shall be made with the authorized agencies.

- xiii) Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
- xiv) Detailed study report along with calculation for reserving 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 incorporating 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.
- xv) Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xvi) Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
- xvii) Whole of the vehicle movement area as well as the 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.
- xviii) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- xix) Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xx) Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xxi) Delineate the concrete proposal regarding activities to be undertaken under Corporate Environmental Responsibility indicating the followings: -
 - i) various activities to be undertaken as per the provision of OM dated 01.05.2018
 - ii) proportionate provisions of funds,
 - iii) the period in which CER activities is to be implemented
 - iv) the person(s) responsible for the implementation.
- xxii) Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC

Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.

- xxiii) Examine and submit the proposal for: -
- a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
 - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.

xxiv) Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

- xxv) Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.
- xxvi) List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents shall be properly indexed, page numbered.
- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.

- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification,2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

Before allowing the presentation, SEIAA sought clarification regarding the prima facie violation of the EIA Notification as per the PPCB report which stated that the Civil work on ground level

foundation and steel structure work was under process at site at the time of visit. SEIAA was not in agreement with SEAC that this should not be considered as a violation case since only ground work had been done and machinery had not been installed as the EIA Notification only permits securing of land by the Project management prior to grant of EC.

In this regard, Project proponent informed that the said work was related to the installation of the induction furnace of capacity 8 TPH and rolling mill in their existing unit for the manufacturing of rolled/flat products and ingots/billets @28,000 TPA, which are not covered under the EIA Notification 14.09.2006 and for which they had also obtained a no objection certificate from PPCB vide no. 14178271 dated 25.11.2020 valid up to 24.11.2021. Project Proponent specifically informed that the civil works which had been commenced at site were only in respect of the existing unit and no new construction work has been started for the proposed machinery i.e., 2X25 TPH, LRF 30TPH, VD and upgradation of Rolling mill. As such, no violation has been made by them. Further, an undertaking submitted in this regard was also taken on record by SEIAA.

SEIAA was satisfied with the reply submitted by the project proponent and allowed the Environmental Consultant to present the case.

Environmental consultant of the promoter company presented the salient features of the project before SEIAA. A copy of the presentation was also submitted which was taken on record. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for issuing the TOR.

SEIAA observed that the case stands recommended by SEAC for issuance of ToRs to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and issue TORs as proposed by SEAC with the following additional TORs: -

Additional TORs:

- i) Project proponent will submit the NOC from the concerned territorial / wildlife DFO's that no Forest/PLPA/Wildlife areas are involved, at the time of submission of EIA report.
- ii) The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.
- iii) No activity other than securing the land will be carried out in respect of the expansion component of the Project till grant of EC.

Item No. 179.08 Application for issuance of TORs for manufacturing of 4,72,500 TPA of Alloys/Non-Alloys Steel Billets/Round, Coil, Wire Rod, TMT Bars and Flats by Installing 4 induction furnaces (Two no. Ifs of capacity 15 TPH each & Two no. IFs of capacity 30 TPH each), LRF 20 TPH, continuous casting machine and a Rolling Mill of 60 TPH capacity at Village Barmalipur, Tehsil Payal, District Ludhiana, Punjab by M/s Antarctic Industries Ltd. (Proposal No. SIA/PB/IND/60763/2021).

The facts of the case are as under:

The project proponent has applied for issuance of TORs to M/s Antarctic Industries Ltd. for manufacturing of 4,72,500 TPA of Alloys/Non-Alloys Steel Billets/Round, Coil, Wire Rod, TMT Bars and Flats by Installing 4 induction furnaces (Two no. I/s of capacity 15 TPH each & Two no. I/s of capacity 30 TPH each), LRF 20 TPH, continuous casting machine and a Rolling Mill of 60 TPH capacity at Village Barmalipur, Tehsil Payal, District Ludhiana, Punjab. Project is covered under Activity 3(a) & Category ‘B1’ as per EIA notification-2006.

1. The project proponent submitted the Form I, Pre-feasibility report and other additional documents on online portal. He has also deposited the requisite fee through NEFT NO. SPUNBH21063975830 dated 04.03.2021.
2. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.
3. The Environmental Engineer PPCB, RO1 Ludhiana was requested vide e-mail dated 04.03.2021 and 09.03.2021 to send the latest construction status report.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEAC in its 197th meeting held on 15.03.2021, which was attended by the following:

1. Sh. Sanjay Jain, Director.
2. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office 1, Ludhiana vide letter no. 934 dated 15.03.2021 has sent the latest construction status report and the contents of the report are given as under:

1. The site of the Project is Located at Village Bamalipur, Teh. Payal, Ludhiana at co-ordinates 30.7674926, 76.0714405. No construction of the proposed project has been started. No proposed machinery has been installed.
2. Within the Radius of 500m of site there is no Residential area. There is one school namely Anand Isher Public High School, Barmalipur, Ludhiana which is within 500m radius of project site. There is one industrial unit namely M/s Sportking Processers (Dye House) Vill Barmalipur, Doraha, Ludhiana within 500 m radius of this unit.
3. The industry has not obtained NOC/CTO from the Board.
4. The site is located more than 10 Km from the Municipal Corporation, Ludhiana limit as such the site is located outside the boundary of critical polluted area (Ludhiana). However, no certificate to this effect has been submitted by the industry from revenue authorities.
5. The industry has not submitted any CLU/Site or Area classification certificate from any designated authority.

In light of the above report, SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

Sr. No.	Description	Details
1.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is a new project.
2.	Nature of project (Fresh EC/EC for Expansion/New)	Fresh EC
3.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	(a) B1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.
4.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	No
5.	Details of Consent to operate under (Air/Water Act) of existing project	Not obtained, as it is a new project.
6.	Existing production Capacity (TPA)	Nil, as it is a new project.
7.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 97,500/- is submitted through NEFT- NO: SPUNBH21063975830 on dated 4 th March, 2021.
8.	Whether the project is located near to PLPA area or falls in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.
9.	Classification/Land use pattern as per Master Plan	The site falls in Industry zone as per master plan of Ludhiana.
10.	Details of CLU certificate	The site falls in Industry zone as per master plan of Ludhiana.
11.	Details of block as per CGWA guideline (Notified/ Non-Notified area) in which project site is located	The project site falls in Doraha Block which is Non-notified area as per CGWA guidelines.
12.	Project Area Details:	
	S. No.	Details
	1.	Plot Area (in sqm)
	2.	Current Price of land (Rs. in Crores)
		Land
		72843.4
		4.69

13.	Total project cost breakup including cost of land, Building, Infrastructure, APCD and Plant & Machinery duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant in the following format:																			
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 5%;">S. No.</th> <th style="width: 75%;">Description</th> <th style="width: 20%;">Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Cost of Land at current price level & area in sqm</td> <td>Rs 4.69 Crores</td> </tr> <tr> <td>2</td> <td>Building</td> <td>Rs 6.00 Crores</td> </tr> <tr> <td>3</td> <td>APCD</td> <td>Rs. 2.50 Crores</td> </tr> <tr> <td>4</td> <td>* Plant & Machinery</td> <td>Rs 25.81 Crores</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>Rs 39.00 Crores</td> </tr> </tbody> </table>	S. No.	Description	Total Cost (Rs. in Crores)	1	Cost of Land at current price level & area in sqm	Rs 4.69 Crores	2	Building	Rs 6.00 Crores	3	APCD	Rs. 2.50 Crores	4	* Plant & Machinery	Rs 25.81 Crores	Total		Rs 39.00 Crores	
S. No.	Description	Total Cost (Rs. in Crores)																		
1	Cost of Land at current price level & area in sqm	Rs 4.69 Crores																		
2	Building	Rs 6.00 Crores																		
3	APCD	Rs. 2.50 Crores																		
4	* Plant & Machinery	Rs 25.81 Crores																		
Total		Rs 39.00 Crores																		
	*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 as per Quotation and Environment Management Plan. Accordingly, total project cost should be included in the EIA report.																			
14.	Raw Material requirement as per following format:																			
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 60%;">Raw material</th> <th style="width: 30%;">Quantity (TPD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>MS Scrap, Ferro Alloys (MS, CI + Additives)</td> <td>1418</td> </tr> </tbody> </table>	S. No.	Raw material	Quantity (TPD)	1.	MS Scrap, Ferro Alloys (MS, CI + Additives)	1418													
S. No.	Raw material	Quantity (TPD)																		
1.	MS Scrap, Ferro Alloys (MS, CI + Additives)	1418																		
15.	Production Capacity as per following format:																			
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 60%;">Product name</th> <th style="width: 30%;">Total Production (TPD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Steel Billets/Structural Steel (Round, Coil, Wire Rod, TMT Bars, Square & Flats)</td> <td>1350</td> </tr> </tbody> </table>	S. No.	Product name	Total Production (TPD)	1.	Steel Billets/Structural Steel (Round, Coil, Wire Rod, TMT Bars, Square & Flats)	1350													
S. No.	Product name	Total Production (TPD)																		
1.	Steel Billets/Structural Steel (Round, Coil, Wire Rod, TMT Bars, Square & Flats)	1350																		
16.	Details of major productive machinery/plant																			
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 40%;">Particulars</th> <th style="width: 50%;">Machinery/plant</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Induction Furnace</td> <td>2X15TPH& 2X30TPH</td> </tr> <tr> <td>2.</td> <td>Concast</td> <td>01 No.</td> </tr> <tr> <td>3.</td> <td>Rolling mill</td> <td>01 No.</td> </tr> </tbody> </table>	S. No.	Particulars	Machinery/plant	1.	Induction Furnace	2X15TPH& 2X30TPH	2.	Concast	01 No.	3.	Rolling mill	01 No.							
S. No.	Particulars	Machinery/plant																		
1.	Induction Furnace	2X15TPH& 2X30TPH																		
2.	Concast	01 No.																		
3.	Rolling mill	01 No.																		
17.	Status of Proposed ToRs	Submitted.																		

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The Project Proponent shall submit documentary evidence regarding distance of the site from the municipal limits of Ludhiana at the time of submission of EIA report.	Agreed by the Project Proponent.

2.	Project Proponent shall submit CLU/Area classification certificate from the concerned authority at the time of submission of EIA report.	Agreed by the Project Proponent.
3.	The Project Proponent shall obtain permission from PWRDA for extraction of ground water.	Agreed by the Project Proponent.

After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation, as required for the project. The baseline study shall be carried out by Environmental Consultant for one-month additional study with effect from date of application of ToRs (except monsoon season), which shall include at least five days of traffic study. The Committee approved the following Terms of Reference for manufacturing of 4,72,500 TPA of Alloys/Non Alloys Steel Billets/Round, Coil, Wire Rod, TMT Bars and Flats by Installing 4 induction furnaces (2 of capacity 15 TPH each & 2 of capacity 30 TPH each), LRF 20 TPH, continuous casting machine and a Rolling Mill of 60 TPH capacity at Village Barmalipur, Tehsil Payal, District Ludhiana, Punjab by M/s Antarctic Industries Ltd. for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the following TORs:

A. STANDARD TERMS OF REFERENCE

1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)

- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e., www.pbdecc.gov.in)

2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:

- a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
- b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies 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 shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
- (xi) Geological features and Geo-hydrological status of the study area shall be included.
- (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of

Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

- (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- (xiv) R&R details in respect of land in line with state Government policy

5) Forest and wildlife related issues (if applicable):

- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
- (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

6) Environmental Status

- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.
- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.

- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.
- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
- (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
- (v) Details of stack emission and action plan for control of emissions to meet standards.
- (vi) Measures for fugitive emission control
- (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be

included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.

- (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
- (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
- (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- (xii) Action plan for post-project environmental monitoring shall be submitted.
- (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.

8) Occupational health

- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
- (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.
- (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
- (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

9) Corporate Environment Policy

- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.

- (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
 - (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.
- 11) Enterprise Social Commitment (ESC)
To address the Public Hearing issues, 2.5% of the total project cost of (Rs.____crores), amounting to Rs.____crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget
- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.
- 13) A tabular chart with index for points wise compliance of above TORs.

B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.

- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).
- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC

- i) Public consultation is required for the projects as not located in notified industrial parks/estates.
- ii) Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF).
- iii) Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
- iv) Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery
- v) Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
- vi) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located otherwise project proponent shall submit the Change of land use of the project site for total land area 18 acres.

- vii) Compliance of 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) Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
 - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
 - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
 - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater
- ix) Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- x) STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities 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.
- xi) 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.
- xii) In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO₄ etc. An agreement to this effect shall be made with the authorized agencies.
- xiii) Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
- xiv) Detailed study report along with calculation for reserving 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 incorporating 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.

- xv) Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xvi) Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
- xvii) Whole of the vehicle movement area as well as the 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.
- xviii) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- xix) Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xx) Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xxi) Delineate the concrete proposal regarding activities to be undertaken under Corporate Environmental Responsibility indicating the followings: -
 - i) various activities to be undertaken as per the provision of OM dated 01.05.2018
 - ii) proportionate provisions of funds,
 - iii) the period in which CER activities is to be implemented
 - iv) the person(s) responsible for the implementation.
- xxii) Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
- xxiii) Examine and submit the proposal for: -
 - a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
 - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.

xxiv) Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

xxv) Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.

xxvi) List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents shall be properly indexed, page numbered.
- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be

posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification, 2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

Before allowing the presentation, to a query of SEIAA regarding why the case is not considered a violation case in view of the PPCB report to the effect that the Civil work on ground level foundation and steel structure work was under process at site at the time of visit.

3.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

Environmental consultant of the promoter company presented the salient features of the project before SEIAA. A copy of the presentation was also submitted, which was taken on record by SEIAA. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for issuing the TOR.

SEIAA observed that the case stands recommended by SEAC for issuance of ToRs to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and issue TORs as proposed by SEAC with the following additional TORs: -

Additional TORs:

- i) The Project Proponent shall submit documentary evidence regarding distance of the site from the municipal limits of Ludhiana at the time of submission of EIA report.
- ii) Project Proponent shall submit CLU/Area classification certificate from the concerned authority at the time of submission of EIA report.
- iii) The Project Proponent shall obtain permission from PWRDA for extraction of ground water.
- iv) Project proponent will submit the NOC from the concerned territorial / wildlife DFO's that no Forest/PLPA/Wildlife areas are involved, at the time of submission of EIA report.
- v) No activity other than securing the land will be carried out prior to grant of EC.

Item No. 179.09 Application for issuance of TORs for expansion in existing steel manufacturing unit having existing capacity 26,950 TPA of steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 1,15,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction Furnaces at Village Dugri, Tehsil Payal, District Ludhiana, Punjab by M/s Ajar Amar Steel Concast (Proposal No. SIA/PB/IND/59654/2021).

The facts of the case are as under:

The project proponent has applied for issuance of TORs to M/s Ajar Amar Steel Concast for expansion in existing steel manufacturing unit having existing capacity 26,950 TPA of steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 1,15,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction Furnaces at Village Dugri, Tehsil Payal, District Ludhiana, Punjab. Project is covered under Activity 3(a) & Category 'B1' as per EIA notification-2006.

1. The project proponent submitted the Form I, Pre-feasibility report and other additional documents on online portal. He has also deposited the requisite fee through NEFT dated 05.03.2021.
2. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.
3. The Environmental Engineer PPCB, RO1 Ludhiana was requested vide e-mail dated 04.03.2021 and 09.03.2021 to send the latest construction status report and the said report is awaited.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

The Environmental Consultant of the Project Proponent submitted that the Project Proponent could not appear due to COVID and has authorized the Environmental Consultant to attend the meeting.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office 1, Ludhiana vide letter no. 931 dated 15.03.2021 has sent the latest construction status report and the contents of the report are given as under:

- i) The site of the Project is Located at Village Dugri, Teh. Payal, Ludhiana at co-ordinates 30.7965132, 75.9552673. The construction of the newly proposed project was going on at the time of visit as foundation has been constructed. No proposed machinery has been installed.
- ii) Within the Radius of 500m of site there is no Residential area. There is one school namely Mount litera ZEE School, Teh. Payal Ludhiana within 500m radius of project site. There are about 5-6 industrial units and one flip kart godown within 500 meter radius of this unit.
- iii) The industry has obtained Consent to Operate under Air Act, 1981 vide no. CTOA/Fresh/LDH1/2020/12187821 dated 30.04.2020 valid up to 30.09.2025 & Water Act, 1974 vide no. CTOW/Fresh/LDH1/2020/12187783dated 30.04.2020 valid up to 30.09.2025 for induction furnace of capacity 7 TPH and manufacturing of Steel ingots @77MTD.
- iv) As per the SDM, Payal letter no. 144 dated 08.04.19 the site is located more than 15 Km from the Municipal Corporation, Ludhiana as such the site is located outside the boundary of critical polluted area (Ludhiana)
- v) The industry has submitted CLU vide STP letter no. 343 dated 06.02.2018 as per which site of the industry falls under Industrial Land Use Zone as per Master Plan Ludhiana, (2007-2031) and also allowing industrial purpose use to steel billet unit vide STP letter no. 4640 dated 30.10.2018.

SEAC observed that as per the report of PPCB, construction work related to the newly proposed project was going on at the time of visit and the foundation has been constructed. However, no proposed machinery was installed at the site. As such, the case would not be considered as a violation case as no new machinery has been installed at the site by the Project Proponent and only ground work has been carried out till date.

SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

Sr. No.	Description	Details			
1.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is an expansion project. But due to existing capacity of 26,950 TPA, earlier EC was not required.			
2.	Nature of project (Fresh EC/EC for Expansion/New)	Fresh EC			
3.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	(a) B1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.			
4.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	The project sites are located at distance of 6.0 km from MC Limit Ludhiana.			
5.	Details of Consent to operate under (Air/Water Act) of existing project	Consent to operate under (Air/Water Act) has been obtained from PPCB.			
6.	Existing production Capacity (TPA)	Steel Billet/Ingots/Hand tool/Flats/Industrial Rounds- 26,950 TPA			
7.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 58,629/- is submitted through online mode vide transaction ID-5052326346 on dated 5 th March., 2021.			
8.	Whether the project is located near to PLPA area or fall in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.			
9.	Classification/Land use pattern as per Master Plan	The site falls in Medium & heavy Industry zone as per master plan (2007-21)			
10	Details of CLU certificate	CLU obtained vide memo no.- 343 STP(L)/TW12-A dated 06.02.2018 for 2.545 acres.			
11	Details of block as per CGWA guideline (Notified/ Non-Notified area) in which project site is located	The project site falls in Samrala Block which is Non-notified area as per CGWA guidelines.			
12	Project Area Details:				
	S. No.	Details	Existing Land	Proposed Additional Land	Total land after Expansion
	1.	Plot Area (in sqm)	16262	---	16262
	2.	Current Price of land (Rs. in Crores)	Lease land		

13	Total project cost breakup including cost of land, Building, Infrastructure, APCD and Plant & Machinery duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant in the following format:			
S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)
1	Cost of Land at current price level & area in sqm	Lease land		
2	Building	5.50	0.4	5.90
3	* Plant & Machinery	8.7014	6.50	15.2014
5	Others	2.25	1.0	2.35
Total		16.4514	8.0	23.4514
*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 as per Quotation and Environment Management Plan. Accordingly, total project cost should be included in the EIA report.				
14	Raw Material requirement as per following format:			
S.No.	Product name	Existing (TPD)	Proposed (TPD)	After Expansion (TPD)
1.	MS Scrap, CI, Sponge Iron, Ferro alloys	83	280	355
15	Production Capacity as per following format:			
S.No.	Product name	Existing (TPD)	Proposed (TPD)	After Expansion (TPD)
1.	Steel Billets/Ingots/Hand tool flats/Industrial round	77	253	330
16	Details of major productive machinery/plant			
S.No.	Particulars	Existing	Proposed	After Expansion
1.	Induction Furnace	1X 7TPH&	Existing 7TPH will be upgraded to 10TPH, 1X20 TPH	1X10 TPH 1X20 TPH
2.	Rolling Mill	10 TPH	Upgrade to 15 TPH	1 No. (15TPH)
3.	CCM	Nil	01 No.	01 No.

17	Status of Proposed ToRs	Standard TORs submitted.
----	-------------------------	--------------------------

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The CLU of the Project Proponent is of 12316.54 Sq. yards acres but the total land of the project is 19450 Sq. Yards.	The CLU of the total land will be obtained and submitted at the time of submission of EIA report.
2.	The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.	Agreed by the Project Proponent.

The Environmental Consultant of the Project Proponent submitted that another industry namely M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana, falls at a distance of 1 Km of the industry and requested to allow the Project Proponent to utilize the same baseline study for preparation of the EIA report for the project.

SEAC allowed the Project Proponent to utilize the baseline study carried out for the industry namely M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana for this project also.

After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study of M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana shall be utilized for preparation of EIA report. The Committee approved the following Terms of Reference for expansion in existing steel manufacturing unit having existing capacity 26,950 TPA of steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 1,15,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction Furnaces at Village Dugri, Tehsil Payal, District Ludhiana, Punjab by M/s Ajar Amar Steel Concast for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the TORs given as under:-

A. STANDARD TERMS OF REFERENCE

1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.

- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e., www.pbdecc.gov.in)

2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.

- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:
 - a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies 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 shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.

- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
 - (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
 - (xi) Geological features and Geo-hydrological status of the study area shall be included.
 - (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
 - (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - (xiv) R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
 - (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
 - (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
 - (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
 - (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 6) Environmental Status
- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.

- (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.
- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.

- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyer-cum-rail transport shall be examined.
 - (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
 - (v) Details of stack emission and action plan for control of emissions to meet standards.
 - (vi) Measures for fugitive emission control
 - (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
 - (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
 - (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - (xii) Action plan for post-project environmental monitoring shall be submitted.
 - (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.
- 8) Occupational health
- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
 - (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry,

Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.

- (v) Annual report of the health status of workers with special reference to Occupational Health and Safety.
- (vi) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

9) Corporate Environment Policy

- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
- (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report

- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.

11) Enterprise Social Commitment (ESC)

To address the Public Hearing issues, 2.5% of the total project cost of (Rs. ___crores), amounting to Rs. ___crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget

- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.

13) A tabular chart with index for points wise compliance of above TORs.

B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.
- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).
- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC

- (i) Public consultation is required for the projects as not located in notified industrial parks/estates.
- (ii) Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF).
- (iii) Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
- (iv) Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit

self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery

- (v) Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
- (vi) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site (19450 Sq. yard) is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located otherwise project proponent shall submit the Change of land use of the project site for total land area 19450 Sq. yard.
- (vii) Compliance of 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) Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
 - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
 - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
 - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater
- (ix) Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- (x) STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities 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.
- (xi) 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.
- (xii) In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same

into useful by-products like FeSO₄ etc. An agreement to this effect shall be made with the authorized agencies.

- (xiii) Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
- (xiv) Detailed study report along with calculation for reserving 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 incorporating 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.
- (xv) Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- (xvi) Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
- (xvii) Whole of the vehicle movement area as well as the 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.
- (xviii) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- (xix) Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- (xx) Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- (xxi) Delineate the concrete proposal regarding activities to be undertaken under Corporate Environmental Responsibility indicating the followings: -
 - (a) various activities to be undertaken as per the provision of OM dated 01.05.2018
 - (b) proportionate provisions of funds,
 - (c) the period in which CER activities is to be implemented
 - (d) the person(s) responsible for the implementation.

- (xxii) Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
- (xxiii) Examine and submit the proposal for: -
 - a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
 - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
- (xxiv) Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

- (xxv) Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.
- (xxvi) List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents shall be properly indexed, page numbered.
- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.

- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification,2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

3.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Sorav Jain, Partner, M/s Ajar Amar Steel Concast and Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

Before allowing the presentation, SEIAA sought clarification regarding the prima facie violation of the EIA Notification as per the PPCB report which stated that the Civil work on ground level foundation and steel structure work was under process at site at the time of visit. SEIAA was also not in agreement with SEAC that this should not be considered as a violation case since only the foundation had been constructed but machinery had not been installed since the EIA Notification only permits securing of land by the project management prior to grant of EC.

In this regard project proponent informed that the works in question were related to their existing rolling mill of capacity 10 TPH and CCM for manufacturing of ingots/billets/hand tool flats and industrial rounds @ 77 TPD i.e., 28,105 TPA, which is not covered under the EIA Notification 14.09.2006 for which no objection certificate (NOC) has been obtained from the PPCB vide certificate no. 13942954 dated 09.12.2020 valid up to 08.12.2021. The entire work was related to the existing plant. No new construction work has been started for the proposed machinery of the expansion project i.e., 1x10 and 1x20 TPH, and upgradation of Rolling mill to capacity of 15 TPH. As such, no violation has been made by them. Further, a specific undertaking submitted in this regard was taken on record by SEIAA.

SEIAA was satisfied with the reply submitted by the project proponent and permitted the Environmental Consultant to present the case.

Environmental consultant of the promoter company presented the salient features of the project before SEIAA. A copy of the presentation was also submitted which was taken on record. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for issuing the TOR.

SEIAA observed that the case stands recommended by SEAC for issuance of ToRs to the project proposal. SEIAA looked into the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and issue TORs as proposed by SEAC with the following additional TORs: -

Additional TORs:

- i) Project proponent will submit the NOC from the concerned territorial / wildlife DFO's that no Forest/PLPA/Wildlife areas are involved, at the time of submission of EIA report.
- ii) The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.
- iii) The Project proponent shall submit CLU of total land area (19,450 sq. yard) at the time of submission of EIA report.
- iv) The Project Proponent shall strictly ensure that no construction or other activity (apart from securing the land) will be commenced in respect of the expansion project till grant of EC.

Item No. 179.10 Application for issuance of TORs for expansion in existing Steel manufacturing unit having existing capacity 24,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 58,100 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction furnaces at Village Dugri, Tehsil Payal, District- Ludhiana, Punjab by M/s Maruti Alloys (Proposal No. SIA/PB/IND/60505/2021).

The facts of the case are as under:

The project proponent has applied for issuance of TORs to M/s Maruti Alloys for expansion in existing Steel manufacturing unit having existing capacity 24,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 58,100 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction furnaces at Village Dugri, Tehsil Payal, District- Ludhiana, Punjab Project is covered under Activity 3(a) & Category 'B1' as per EIA notification-2006.

1. The project proponent submitted the Form I, Pre-feasibility report and other additional documents on online portal. He has also deposited the requisite fee through NEFT dated 11.02.2021.
2. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.
3. The Environmental Engineer PPCB, RO1 Ludhiana was requested vide e-mail dated 04.03.2021 and 09.03.2021 to send the latest construction status report and the said report is awaited.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by the following:

1. Sh. Kuldip Singla, Partner.
2. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC was apprised that the Punjab Pollution Control Board, Zonal Office 1, Ludhiana vide letter no. 928 dated 15.03.2021 has sent the latest construction status report and the contents of the report are given as under:

1. *The site of the Project is Located at Village Dugri, Teh. Payal, Ludhiana at co-ordinates 30.7948561, 75.9512517. No construction of the newly proposed project has been started. No proposed machinery has been installed. The existing unit was in operation during the visit.*

2. *Within the Radius of 500m of site there is no Residential area. There is one school namely Mount Litera ZEE School, Teh. Payal Ludhiana which is within 500m radius of project site. There are about 5-6 industrial units and one flip kart godown within 500 meter radius of this unit.*
3. *The industry has obtained Consent to Operate under Air Act, 1981 vide no. CTOA/Fresh/LDH1/2019/11689453 dated 27/12/2019 valid up to 30/09/2024 & Water Act, 1974 vide no. CTOW/Fresh/LDH1/2019/11689499 dated 27/12/2019 valid up to 30/09/2024 for induction furnace of capacity 7 TPH and manufacturing of Steel ingots @24500 MTA.*
4. *The site is located more than 10 Km from the Municipal Corporation, Ludhiana limit as such the site is located outside the boundary of critical polluted area (Ludhiana).*
5. *The industry has submitted CLU vide STP letter no. 4401 dated 18.10.18 as per which site of the industry falls under Industrial Land Use Zone as per Master Plan Ludhiana, (2007-2031).*

SEAC allowed the Project Proponent to present the case and the Environmental Consultant of the Project Proponent presented the case as under:

Sr. No.	Description	Details
1.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is an expansion project. But due to existing capacity of 24,500 TPA, earlier EC was not required.
2.	Nature of project (Fresh EC/EC for Expansion/New)	Fresh EC
3.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	(a) B1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.
4.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	The project sites are located at distance of 6.0 km from MC Limit Ludhiana.
5.	Details of Consent to operate under (Air/Water Act) of existing project	Consent to operate under (Air/Water Act) has been obtained from PPCB.
6.	Existing production Capacity (TPA)	Steel Billet/Ingots/Hand tool/Flats/Industrial Rounds- 24,500 TPA
7.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 34,000/- submitted on dated 11.02.2021 through NEFT no.- N042211404111294

8.	Whether project is located near to PLPA area or fall in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.			
9.	Classification/Land use pattern as per Master Plan	The site falls in Medium & heavy Industry zone as per master plan of Ludhiana (2007-21)			
10	Details of CLU certificate	Memo no.- 4401 STP(L)/TW12A dated 18.10.2018 for an area of 1.455 acres. The site conforms for Industrial purposes.			
11	Status of application to the PWRDA for abstraction of ground water.	The application has not been applied.			
12	Project Area Details:				
	S. No.	Details	Existing Land	Proposed Additional Land	Total land after Expansion
	1.	Plot Area (in sqm)	16262	---	15305.76
	2.	Current Price of land (Rs. in Crores)	Lease land		
13	Total project cost breakup including cost of land, Building, Infrastructure, APCD and Plant & Machinery duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant in the following format:				
	S. No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)
	1	Cost of Land at current price level & area in sqm	Lease land		
	2	Building	2.38	1.50	3.88
	3	* Plant & Machinery	0.40	0.40	0.80
	5	Others	4.32	4.60	8.92
	Total		7.10	6.50	13.60
	*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 as per Quotation and Environment Management Plan. Accordingly, total project cost should be included in the EIA report.				
14	Raw Material requirement as per following format:				

S.No.	Raw Material name	Existing (TPA)	Proposed (TPA)	After Expansion (TPA)
1.	MS Scrap, CI, Sponge Iron, Ferro alloys	26950	36960	63910
15 Production Capacity as per following format:				
S.No.	Product name	Existing (TPA)	Proposed (TPA)	After Expansion (TPA)
1.	Steel Billets/Ingots/Hand tool flats/Industrial round	24500	33600	58100
16 Details of major productive machinery/plant				
S.No.	Particulars	Existing	Proposed	After Expansion
1.	Induction Furnace	1X 7TPH&	1X8 TPH & CONCAST	1X7 TPH 1X8 TPH& CONCAST
2.	CCM	Nil	01 No.	01 No.
17	Status of Proposed ToRs	Standard TORs submitted.		

SEAC raised following observations to the project proponent:

Sr. No.	Observations	Reply
1.	The CLU of the Project Proponent is of 1.455 acres but the total land of the project is 3.8 acres.	The CLU of the total land will be obtained and submitted before at the time of EIA report.
2.	The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.	Agreed by the Project Proponent.

The Environmental Consultant of the Project Proponent submitted that another industry namely M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana, falls at a distance of 570 m of the industry and requested to allow the Project Proponent to utilize the same baseline study for preparation of the EIA report for the project.

SEAC allowed the Project Proponent to utilize the baseline study carried out for the industry namely M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana for this project also.

After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study of M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana shall be utilized for preparation of EIA report. The Committee approved the following Terms of Reference for expansion in existing Steel manufacturing unit having existing capacity 24,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 58,100 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction furnaces at Village Dugri, Tehsil Payal, District- Ludhiana, Punjab for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the TORs given as under:-

A. STANDARD TERMS OF REFERENCE

1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable)
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)

- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e., www.pbdecc.gov.in)

2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:

- a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
- b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies 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 shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
- (xi) Geological features and Geo-hydrological status of the study area shall be included.
- (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood

occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

- (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- (xiv) R&R details in respect of land in line with state Government policy

5) Forest and wildlife related issues (if applicable):

- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
- (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

6) Environmental Status

- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.
- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.

- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.
- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
- (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
- (v) Details of stack emission and action plan for control of emissions to meet standards.

- (vi) Measures for fugitive emission control
 - (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
 - (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
 - (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - (xii) Action plan for post-project environmental monitoring shall be submitted.
 - (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.
- 8) Occupational health
- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
 - (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.
 - (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
 - (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- 9) Corporate Environment Policy

- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
 - (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.
- 11) Enterprise Social Commitment (ESC)
To address the Public Hearing issues, 2.5% of the total project cost of (Rs. crores), amounting to Rs. crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget
- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.
- 13) A tabular chart with index for points wise compliance of above TORs.

B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.

- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).
- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC

- (i) Public consultation is required for the projects as not located in notified industrial parks/estates.
- (ii) Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF).
- (iii) Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
- (iv) Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery
- (v) Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
- (vi) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site (3.8 acres land) is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located otherwise project proponent shall submit the Change of land use of the project site for total land area 3.8 acres.

- (vii) Compliance of 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) Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
 - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
 - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
 - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater
- (ix) Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- (x) STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities 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.
- (xi) 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.
- (xii) In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO₄ etc. An agreement to this effect shall be made with the authorized agencies.
- (xiii) Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
- (xiv) Detailed study report along with calculation for reserving 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 incorporating 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.

- (xv) Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- (xvi) Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
- (xvii) Whole of the vehicle movement area as well as the 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.
- (xviii) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- (xix) Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- (xx) Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- (xxi) Delineate the concrete proposal regarding activities to be undertaken under Corporate Environmental Responsibility indicating the followings: -
 - a) various activities to be undertaken as per the provision of OM dated 01.05.2018
 - b) proportionate provisions of funds,
 - c) the period in which CER activities is to be implemented
 - d) the person(s) responsible for the implementation.
- (xxii) Submit compliance w.r.t. condition no. II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
- (xxiii) Examine and submit the proposal for: -
 - a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
 - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.

(xxiv) Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

(xxv) Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.

(xxvi) List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents shall be properly indexed, page numbered.
- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016. which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the

Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification, 2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Kuldip Singla and Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

Environmental consultant of the promoter company presented the salient features of the project before SEIAA. A copy of the presentation was also submitted which was taken on record by SEIAA. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for issuing the TOR.

SEIAA observed that the case stands recommended by SEAC for issuance of ToRs to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and issue TORs as proposed by SEAC with the following additional TORs: -

Additional TORs:

- i) Project proponent will submit the NOC from the concerned territorial / wildlife DFO's that no Forest/PLPA/Wildlife areas are involved, at the time of submission of EIA report.
- ii) The Project Proponent shall obtain permission from PWRDA for abstraction of ground water.
- iii) The Project proponent shall submit CLU of total land area (15,305.76 sqm/3.8 acres) at the time of submission of EIA report.
- iv) The Project Proponent shall strictly ensure that no construction or other activity (apart from securing the land) will be commenced in respect of the expansion project till grant of EC.

Item No. 179.11 Application for obtaining extension in the validity of Environmental Clearance of construction project by M/s V.N. Sharma Builders Pvt. Ltd. in name & style “Savitry Greens” at village Bishanpura, Near Zirakpur, Tehsil Dera Bassi, SAS Nagar, Punjab (Proposal No.SIA/PB/MIS/169583/2020).

The facts of the case are as under:

The Project was earlier granted Environmental Clearance under category 8(b) under the EIA notification dated 14.09.2006 vide no. SEIAA/MS/2013/3034 dated 28.10.2013.

The said Environmental Clearance was valid for period of 5 years from the date of its issue or till the completion of the project, whichever was earlier. However, the validity of the said EC can be assumed valid for 7 years i.e., up to 27.10.2020, in light of the provisions of the OM No. 22-27/2015- IA-III, MoEF&CC (IA Division) dated 12.04.2016. The project proponent applied for extension of EC on 25.08.2020.

As per the EIA notification dated 14.09.2006, the validity of Environmental Clearance of area development projects and Townships (8b), can be extended by a period of 3 years if an application is made by the applicant within the validity period. The project proponent applied for extension of EC on 25.08.2020. As such, project can be considered for extension of EC. The project proponent has submitted requisite fee through UTR no. SBIN22106453845 dated 03.03.2021.

In this regard it is mentioned here that the MoEF&CC vide its notification no. S.O. 221 (E) dated 18.01.2021 has amended the principal notification and the relevant part is given as under:

“9A. Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Terms of Reference granted under the provisions of this notification in view of outbreak of

Corona Virus (Covid-19) and subsequent lockdown (total or partial) declared for its control, however all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.”

Thus, in light of this notification the Environmental Clearance of the project can be deemed to be valid up to 24.05.2021.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by the following:

1. Sh. R.K Mittal, GM, on behalf of the Project Proponent.
2. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC perused the case and observed that in light of EIA notification 14.09.2006, the Environment Clearance of the project could be extended for a period of 3 years.

After detailed deliberations, SEAC decided to forward the case to SEIAA along with recommendations to extend the Environment Clearance granted to the project namely “Savitry Greens” in the revenue estate of village Bishanpura, Zirakpur, Tehsil Dera Bassi, District SAS Nagar, by M/s V.N. Sharma Builders Pvt. Ltd., for a period of three years i.e. up to 23.05.2024, subject to same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/3034 dated 28.10.2013.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. R.K. Mittal and Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

On being asked by SEIAA, Environmental consultant of the promoter company presented the report on compliance of the conditions of Environmental Clearance granted to the project. A copy of the report was also submitted which was taken on record. Project Proponent / Environmental Consultant also submitted that all stipulated conditions of the EC would be fully implemented during the extension period and the requisite 6 monthly compliance reports would be submitted / uploaded as per EC conditions.

SEIAA observed that the case stands recommended by SEAC for extension in the validity to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and extend the validity of Environmental Clearance granted to the project namely “Savitry Greens” located

in the revenue estate of village Bishanpura, Zirakpur, Tehsil Dera Bassi, District SAS Nagar, developed by M/s V.N. Sharma Builders Pvt. Ltd., for a period of three years i.e., up to 23.05.2024, subject to the same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/3034 dated 28.10.2013.

Item No. 179.12 Application for obtaining extension in the validity of Environmental Clearance of construction of a Residential Complex “Savitry Greens-II” in the revenue estate of village Gazipur, Zirakpur, District SAS Nagar, by M/s N.K. Sharma Enterprises (Proposal No. SIA/PB/MIS/197738/2021).

The facts of the case are as under:

The Project was earlier granted Environmental Clearance under category 8(b) under the EIA notification dated 14.09.2006 vide no. SEIAA/MS/2013/2843 dated 14.01.2014.

The said Environmental Clearance was valid for period of 5 years from the date of its issue or till the completion of the project, whichever was earlier. However, the validity of the said EC can be assumed valid for 7 years i.e., up to 13.01.2021, in light of the provisions of the OM No. 22-27/2015- IA-III, MoEF&CC (IA Division) dated 12.04.2016.

As per the EIA notification dated 14.09.2006, the validity of Environmental Clearance of area development projects and Townships (8b), can be extended by a period of 3 years if an application is made by the applicant within the validity period. The project proponent applied for extension of EC on 11.02.2021.

In this regard it is mentioned here that the MoEF&CC vide its notification no. S.O. 221 (E) dated 18.01.2021 has amended the principal notification and the relevant part is given as under:

“9A. Now with standing anything contained in this notification, the period from the 1 April, 2020 to the 31 March, 2021 shall not be considered for the purpose of calculation of the period of validity of Terms of Reference granted under the provisions of this notification in view of outbreak of Corona Virus (Covid-19) and subsequent lockdown (total or partial) declared for its control , however all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid.”

Thus, in light of this notification the Environmental Clearance of the project can be deemed valid up to 26.10.2021.

The project proponent submitted adequate fee through NEFT dated 04.03.2021.

1.0 Deliberations during 197th meeting of SEAC held on 15.03.2021

The case was considered by SEIAA in its 197th meeting of SEAC held on 15.03.2021, which was attended by the following:

1. Sh. R.K Mittal, GM, on behalf of the Project Proponent.
2. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali, Environmental Consultant of the Project Proponent.

SEAC perused the case and observed that in light of EIA notification 14.09.2006, the Environment Clearance of the project could be extended for a period of 3 years.

After detailed deliberations, SEAC decided to forward the case to SEIAA along with recommendations to extend the Environment Clearance granted to the residential project namely “Savitry Greens-II” in the revenue estate of village Gazipur, Zirakpur, District SAS Nagar, by M/s N.K. Sharma Enterprises, for three years i.e., 25.10.2024, subject to same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/2843 dated 14.01.2014.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. R.K. Mittal & Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

On being asked by SEIAA, Environmental consultant of the promoter company presented the report on compliance of the conditions of Environmental Clearance granted to the project. A copy of the report was also submitted which was taken on record. Project Proponent / Environmental Consultant also submitted that all stipulated conditions of the EC would be fully implemented during the extension period and the requisite 6 monthly compliance reports would be submitted / uploaded as per EC conditions.

SEIAA observed that the case stands recommended by SEAC for extension in the validity to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and extend the validity of Environmental Clearance granted to the residential project namely “Savitry Greens-II” in the revenue estate of village Gazipur, Zirakpur, District SAS Nagar, by M/s N.K. Sharma Enterprises, for three years i.e., 25.10.2024, subject to the same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/2843 dated 14.01.2014.

Item No. 179.13 Application for obtaining Environmental Clearance under the EIA notification 14.09.2006 for setting up of new Pharmaceutical Park (Bulk drugs & APIs and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd (Proposal No. SIA/PB/NCP/61716/2020).

The facts of the case are as under:

1.0 Present case:

The project proponent was issued ToR for setting of new Pharmaceutical Park for manufacturing Bulk drugs & APIs and formulations with capacity of 7,30,000 TPA at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd. Project vide Letter no. SEIAA/MS/2020/3221 dated 28.10.2020.

The project proponent has applied for obtaining Environmental Clearance for the above said project and has submitted the EIA report. The case was considered by SEAC in its 197th meeting held on 15.03.2021 and was attended by following on behalf of Project Proponent.

1. Sh. Parminder Singh, Executive Engineer, PSIEC Chandigarh.
2. Mr. MAF Khan, DG Goswami, EIA coordinator, M/s Enkay Enviro Services Pvt. Ltd.

SEAC allowed the Environmental Consultant of the project proponent to present the EIA report which he presented as under:

Sr. No.	Description	Details						
1.	Nature of project	New						
2.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B1 7(C) Industrial estates/Parks/Complexes/Areas, Export Processing Zones						
3.	Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No)	No						
4.	a. Total Project Cost (In Crores): b. Total project cost breakup at current price level duly certified by	(a) Total Project Cost: Rs. 153.7 crores; (b) Total project cost breakup is given below: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sr. N</th> <th>Cost Components</th> <th>In Crores</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Land</td> <td>58.43</td> </tr> </tbody> </table>	Sr. N	Cost Components	In Crores	1.	Land	58.43
Sr. N	Cost Components	In Crores						
1.	Land	58.43						

“Proceedings of 179th meeting
held on 12.04.2021”

	Chartered Engineer/ Approved valuer or Chartered Accountant	A	Basic Development cost (Civil works, PHE works, Electrical works)	52.48	
		B	CETP on ZLD Technology capacity of 1.5MLD	24.0	
		C	STP along with Tertiary Treatment capacity of 0.5 MLD	3.0	
		F	Add: interest@ 9% for 9 months taking development period of 1.5 years	5.36	
			Sub-Total	84.84	
		G	Add: Contingencies and pretty Establishment Charges (1%)	0.85	
		H	Add: Departmental charges @10%	8.48	
		I	Add: Consultancy Charges @0.7%	0.59	
			Total	94.77	
		3.	Pre-operative Expenses	0.5	
			Total Project Cost	153.7	
5.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	4,30,000 (25% of the total fee has already been deposited to SEIAA vide UTR no. PUNBH20279971664) The project proponent submitted that the balance fee of Rs. 11.07 lacs will be deposited, as the approval is taking time being a Govt Project.			
6.	Details of technology proposed for control of emissions & effluents generated from project	S N o	Details of proposed APCD/STP/ETP/ZLD/ Continuous online monitoring system	Technology to be adopted	Capacity of proposed technology
		1	CETP	ZLD	1.5 MLD
		2	STP	SBR/MBBR	0.5 MLD
		3	APCD	To be provided by the individual industries	
7.	Plot Area Details	Total Plot area: 53.7 hectares (130.32 acres)			
		SN	Land use	Area (in Acres)	Percentage
		1	Industrial plots	67.93	52.13
		2	Commercial use	6.00	4.60
		3	Public building	4.00	3.07
		4	Elec. Substation	8.00	6.14
		5	Water works/WTP	2.63	2.02
		6	CETP/STP	3.65	2.80
		7	Green/Open space	20.06	15.39
		8	Common Waste Material	1.00	0.77
		9	Road/Rasta	17.05	13.08
		10	Total	130.32	100.00

8.	a. Type of project land as per master plan Industrial /Agriculture/Any other)	The proposed land falls under Industrial zone of Notified master plan of Mandi Gobindgarh.												
9.	ToR compliance report (Submitted/ not submitted)	Submitted												
10.	Compliance report of public hearing proceedings (Action Taken)	Submitted												
11.	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 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.	There is no litigation pending against the industry. No.												
12.	Raw material details:	In the proposed project is meant for the production and manufacturing of API's and Intermediates involves various raw materials, where chemical reactions will take precipitation, substitution, addition, centrifugation, purifications, solvent recovery etc.												
13.	Production Capacity details:	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 70%;">Product Name</th> <th style="width: 30%;">Total (TPA)</th> </tr> </thead> <tbody> <tr> <td>API & Bulk Drugs, Intermediates and formulations</td> <td>2000 TPD/730000TPA</td> </tr> </tbody> </table>	Product Name	Total (TPA)	API & Bulk Drugs, Intermediates and formulations	2000 TPD/730000TPA								
Product Name	Total (TPA)													
API & Bulk Drugs, Intermediates and formulations	2000 TPD/730000TPA													
14.	Manpower requirement (After expansion)	Temporary employment during construction- 500 Permanent employment during Operation- 2500 Total Manpower- 3000												
15.	Details of Emissions (After expansion)	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 5%;">Sr N</th> <th style="width: 30%;">Source</th> <th style="width: 20%;">Capacity</th> <th style="width: 45%;">Chimney Height (m)</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Boiler (21 Nos.)</td> <td>1 TPH</td> <td>30</td> </tr> <tr> <td>ii</td> <td>Boiler (23 Nos.)</td> <td>2 TPH</td> <td>30</td> </tr> </tbody> </table>	Sr N	Source	Capacity	Chimney Height (m)	i	Boiler (21 Nos.)	1 TPH	30	ii	Boiler (23 Nos.)	2 TPH	30
Sr N	Source	Capacity	Chimney Height (m)											
i	Boiler (21 Nos.)	1 TPH	30											
ii	Boiler (23 Nos.)	2 TPH	30											

		<table border="1"> <tr> <td>iii</td> <td>Boiler (06 Nos.)</td> <td>3 TPH</td> <td>30</td> </tr> <tr> <td>iv</td> <td>Boiler (01 Nos.)</td> <td>5 TPH</td> <td>30</td> </tr> <tr> <td>v</td> <td>Boiler (01 Nos.)</td> <td>45 TPH</td> <td>30</td> </tr> <tr> <td>vi</td> <td>DG Set</td> <td>5*100 KVA</td> <td>15 m above roof level</td> </tr> <tr> <td>vii</td> <td>DG Set</td> <td>21*200 KVA</td> <td>15m above roof level</td> </tr> <tr> <td>viii</td> <td>DG Set</td> <td>30*500 KVA</td> <td>15 m above roof level</td> </tr> <tr> <td>ix</td> <td>DG Set</td> <td>03*1000 KVA</td> <td>30 m above roof level</td> </tr> </table>	iii	Boiler (06 Nos.)	3 TPH	30	iv	Boiler (01 Nos.)	5 TPH	30	v	Boiler (01 Nos.)	45 TPH	30	vi	DG Set	5*100 KVA	15 m above roof level	vii	DG Set	21*200 KVA	15m above roof level	viii	DG Set	30*500 KVA	15 m above roof level	ix	DG Set	03*1000 KVA	30 m above roof level
iii	Boiler (06 Nos.)	3 TPH	30																											
iv	Boiler (01 Nos.)	5 TPH	30																											
v	Boiler (01 Nos.)	45 TPH	30																											
vi	DG Set	5*100 KVA	15 m above roof level																											
vii	DG Set	21*200 KVA	15m above roof level																											
viii	DG Set	30*500 KVA	15 m above roof level																											
ix	DG Set	03*1000 KVA	30 m above roof level																											
16.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	<p>The PSIEC shall make proper arrangement for storage & disposal of ETP sludge as per the provisions of Hazardous Waste Management Rules), 2016.</p> <p>Further the individual industries shall also make proper arrangement for storage & disposal of ETP sludge/ other hazardous wastes as per the provisions of Hazardous Waste Management Rules), 2016.</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Particulars</th> <th>Total (kg/day)</th> <th>Treatment/ disposal</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Hazardous waste (ETP sludge) from CETP</td> <td>6MT/day (i.e.:180MT/month)</td> <td>It is will be sent to the authorized Hazardous waste disposal & landfill facility at TSDF- Nimbua after getting the MOU with the facility.</td> </tr> </tbody> </table>		S. No	Particulars	Total (kg/day)	Treatment/ disposal	1.	Hazardous waste (ETP sludge) from CETP	6MT/day (i.e.:180MT/month)	It is will be sent to the authorized Hazardous waste disposal & landfill facility at TSDF- Nimbua after getting the MOU with the facility.																			
S. No	Particulars	Total (kg/day)	Treatment/ disposal																											
1.	Hazardous waste (ETP sludge) from CETP	6MT/day (i.e.:180MT/month)	It is will be sent to the authorized Hazardous waste disposal & landfill facility at TSDF- Nimbua after getting the MOU with the facility.																											
17.	Solid Waste generation and its mode of disposal:	<table border="1"> <thead> <tr> <th>S. No</th> <th>Particulars</th> <th>Total (kg/day)</th> <th>Treatment/ disposal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Municipal Solid Waste</td> <td>600kg/day i.e.:18 MT/month</td> <td>It is being sent to Authorized MSW landfill disposal facility with the local administration</td> </tr> <tr> <td>2</td> <td>STP Sludge (biological treatment)</td> <td>300kg/day (i.e.: 9 (MT/month)</td> <td>will be used as manure</td> </tr> </tbody> </table>		S. No	Particulars	Total (kg/day)	Treatment/ disposal	1	Municipal Solid Waste	600kg/day i.e.:18 MT/month	It is being sent to Authorized MSW landfill disposal facility with the local administration	2	STP Sludge (biological treatment)	300kg/day (i.e.: 9 (MT/month)	will be used as manure															
S. No	Particulars	Total (kg/day)	Treatment/ disposal																											
1	Municipal Solid Waste	600kg/day i.e.:18 MT/month	It is being sent to Authorized MSW landfill disposal facility with the local administration																											
2	STP Sludge (biological treatment)	300kg/day (i.e.: 9 (MT/month)	will be used as manure																											

18. Waste water generation & its disposal Arrangement in Operation Phase:	Particulars	Fresh Water Demand (MLD)	Recycled / Reuse*	Total	Waste water generation (MLD)	Effluent Treatment & disposal facility
	Domestic	0.5	-	0.5	0.4	STP (Capacity-0.5 MLD) and 0.396 MLD reused in green area/ Horticulture.
	Green Belt	-	0.396*	0.396*	-	STP Treated water 0.396 MLD used in green area/ Horticulture.
	Industrial	1.5	1.4	2.9	1.480	Waste water will be treated in CETP (1.5 MLD capacity) followed by RO plant with MEE and recycled in Cooling Tower & process to maintain the ZLD.
	Total	2.0	1.4	3.4	1.88	1.4 MLD treated water will be used in Cooling tower /process & 0.396 MLD treated water will be reused in green area/ Horticulture.
19. Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	Sirhind block-Over exploited category as per CGWB report of Fatehgarh Sahib District. However, PSIEC shall draw water from nearby canal.					
20. Breakup of Water Requirements & its source in Operation Phase:	S. N	Water Requirement				Amount
	1	Initial One-time Requirement of Water Demand in Proposed Pharma Park				3.40MLD
	2	Recycled Water to be used in Pharma Park				1.40 MLD

		3	Net Requirement of Water on Daily Basis	2.00 MLD	
		Source: Punjab Water Sources Department through Rajbaha canal.			
21.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Presented			
22.	Rain Water utilization proposal during monsoons (Submitted/Not Submitted)	Rain water harvesting structures (rainwater collection tanks, recharge pits, etc.) will be maintained at individual plots and the collected rainwater will be reused after appropriate treatment for various industrial activities and greenbelt development. Rainfall available for harvesting after runoff: 256154.9 m ³ /annum			
23.	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch (Submitted/Not Submitted)	The rain water will be guided through network of storm water drains inside the boundary into settling tank which will be further connected into recharge pits which will be constructed in order to harvest rain water as per gradient of drains.			
24.	Block wise details of no. of trees to be planted in proposed greenbelt area (1500 Trees to be planted @ 10000 Sqm area):	S no	Year	Proposed No of plants	Proposed Species Species have been suggested by considering various biological and environmental roles of the various plant species like Dust Control, Noise Control, Absorptions of Gases, Drought resistance, Fire Resistance etc. Also, some flowering herbs and shrubs have been suggested to enhance aesthetic beauty of the project site area.
		1	2021-22	5570	
		2	2022-23	5570	
		3	2023-24	5570	
		4	2024-25	5570	
		5	2025-26	5570	
		Total			27,850
<u>Budget</u> A capital cost provision of Rs. 1,11,40,000/- has been kept for development of greenbelt as given in Table below the budget includes cost of digging of pits, fertilizers, saplings and maintenance @400/- per sapling in next five years.					
25.	Energy requirements & savings:	The details of the energy are given below:			

		Category	Net Load (MW)	DG Set Capacity (assumed) - MW	
	Energy saving measures to be adopted within industry:	Anchor Unit	21.92	25%	5.48
		Other Industrial Units	1.05	50%	0.53
		Commercial	5.71	80%	4.57
		Others including STP	0.33	100%	0.33
		Total (Estimated load in MW):	29.01		10.90
		Estimated load in MVA (power factor= 0.9):	32.23 MVA		12.11 MVA
			Details of Energy saving measures adopted within the industry: Solar energy is proposed as an alternative energy for street lighting and the details are given in Chapter 5, Section5.4.		
26.	EMP Budget details	EMP budget details:			
		S. No.	Description of Item	Total (In Lacs)	Recurring Cost (In Lacs)
		1.	Air Pollution Control/ Noise	100	10
		2.	Water Pollution Control	2700	27
		3.	Environmental Monitoring and Management	30	10
		4.	Green Belt Development	111.40	4.0
		5.	Occupational Health	20	05

	Details of Environment Management Cell (EMC) responsible for implementation of EMP	Total	2961.40	56
		The EHS department head of PSIEC is responsible for the implementation of conditions by MoEF&CC in EC and state PCB in CFE. The organogram of the EHS department is shown in section 6.7 of Chapter 6, Figure 6.0. Individual industries are responsible for maintaining their own EC/CFE/CFO Conditions.		
27.	Details of the activities proposed to be covered under CER be provided in below format:	Not Applicable as per MOEF&CC OM 22-65/2017-IA.III dated 30.09.2020 and OM 22-65/2017-IA.III dated 20.10.2020		
28.	Project area involves forest land, (Yes/No),	No forest land is involved in the project area.		
29.	Traffic Study Details:	Presented		

SEAC raised the following observations to the Project Proponent:

Sr. No.	Observations	Reply
1.	The project proponent has not deposited complete fee for processing application of EC.	Sh. Parminder Singh, Executive Engineer, PSIEC assured that the fee would be deposited before the meeting of SEIAA.
2.	The permission from the Department of Water Resources to draw canal water not submitted.	Sh. Parminder Singh, Executive Engineer, PSIEC assured that the permission would be submitted before the meeting of SEIAA.

SEAC was satisfied with the presentation and the reply to the observations raised by the SEAC by the Environmental Consultant.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B1, Activity 7(c) and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for setting up of new Pharmaceutical Park (Bulk drugs & APIs and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd, as per the details mentioned in Form 2, EIA report & subsequent presentation /clarifications made by the project proponent & his consultant and conditions are as under:

Special Conditions:

1. The project proponent shall submit complete application fee before the case is considered by SEIAA.

2. The project proponent shall submit permission from Department of Water Resources for utilization of canal water before the case is considered by SEIAA.

2.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by PSIEC, Jashandeep Singh and Sh. Divyesh Giri Goswami, M/s Enkay Enviro Services Pvt. Ltd. Jaipur, Environmental consultant on behalf of the promoter company.

Environmental consultant of the promoter company presented the salient features of the project. A copy of the presentation was also submitted which was taken on record. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for issuing the EC.

To a query of SEIAA regarding any Major Accidental Hazard (MAH) industry being allowed in the industrial park, project proponent submitted an undertaking to the effect that no industry listed as MAH shall be allowed to set up within the Pharmaceutical Park being developed by PSIEC at Wazirabad, Fatehgarh Sahib, Punjab. The undertaking was taken on record by SEIAA.

SEIAA observed that the case stands recommended by SEAC for grant of Environmental Clearance to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for setting up of new Pharmaceutical Park (Bulk drugs & APIs and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd, as per the details mentioned in Form-2, EIA report and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures, conditions as recommended by SEAC and additional conditions as under:

- (i) The Project proponent will submit the NOCs from the concerned territorial / wildlife DFOs that no Forest/PLPA/Wildlife areas are involved within a period of two months.
- (ii) The project proponent shall submit the detailed village specific CER plan within a period of two months.

Item No 179.14: 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).

The facts of the case are as under:

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., up to 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 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 is 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 recommend the case for 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.”

3.0 Deliberations during the 178th meeting of SEIAA held on 22.3.2021

The case was considered by SEIAA in its 178th meeting held on 22.03.2021, wherein SEIAA observed that the Project proponent had applied for amendment in the EC granted to it earlier vide letter No. SEIAA/MS/2014/2515 dated 30.08.2014. At this stage it is important for the Authority to examine whether the project proponent was complying with the conditions imposed in the Environmental Clearance for which the amendment had been sought.

After deliberations, SEIAA decided that the project proponent should appear in its next meeting and submit a presentation / documentation depicting compliance of the conditions imposed in the earlier EC dated 30.08.2014.

4.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Deepak Gupta and Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

On being asked by SEIAA, Environmental consultant of the promoter company presented the report on compliance of the conditions of Environmental Clearance granted to the project. A copy of the report was also submitted which was taken on record. Project Proponent / Environmental Consultant also submitted that all stipulated conditions of the EC would be fully implemented and the requisite 6 monthly compliance reports would be submitted / uploaded as per EC conditions.

A copy of the presentation was also submitted which was taken on record.

SEIAA observed that the case stands recommended by SEAC for amendment in the Environmental Clearance granted to the project proposal. SEIAA also examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and amend the Environmental Clearance granted vide no. SEIAA/MS/2014/2515 dated 30.08.2014 for the establishment of the Group Housing project namely Green Valley Tower at village- Gazipur, Zirakpur, Tehsil- Dera bassi, District- Mohali by M/s GVT Builders & Developers, 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 that the project proponent shall get the amended plan approved from the Local Govt. mentioning all the details of the new plan.

Item No 179.15: 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).

The facts of the case are as under:

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 quarries 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.”

3.0 Deliberations in the 178th meeting of SEIAA held on 22.03.2021

The case was considered by SEIAA in its 178th meeting held on 22.03.2021 wherein SEIAA observed that the Project proponent had applied for amendment in the EC granted to it earlier vide letter No. vide no. SEIAA/2017/89 dated 23.01.2017. At this stage it is important for the authority to examine whether the project proponent was complying with the conditions imposed in the Environmental Clearance for which the amendment had been sought.

After deliberations, SEIAA decided that the project proponent should be asked to appear in its next meeting and submit documentation / make a presentation regarding the status of compliance of the EC conditions stipulated in letter dated 23.01.2017.

4.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Nikhil Jaiswal and Sh. Sital Singh, CPTL-EIA, Mohali Environmental Consultant on behalf of the promoter company.

On being asked by SEIAA, Environmental consultant of the promoter company presented the report on compliance of the conditions of Environmental Clearance granted to the project. A copy of the report was also submitted which was taken on record. Project Proponent / Environmental Consultant also submitted that all stipulated conditions of the EC would be fully implemented and the requisite 6 monthly compliance reports would be submitted / uploaded as per EC conditions.

A copy of the presentation was also submitted which was taken on record.

SEIAA observed that the case stands recommended by SEAC for amendment in the Environmental Clearance granted to the project proposal. SEIAA also examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and amend the Environmental Clearance granted vide no. SEIAA/2017/89 dated 23.01.2017 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., with total built up area 70550 Sqm in total land area of 25281.9 sqm having total no. of flats 358, with all other details remaining same as in the original EC, subject to additional condition that the project proponent shall obtain separate permission from Punjab Water Regulation and Development Authority for abstraction of ground water for meeting the total requirement of the project.

Item No 179.16: 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)

The facts of the case are as under:

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. The 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
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 favour 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 favour 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	KLD

			1559 Winter 1532 Monsoon					
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	HVAC (KLD)	

						(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 be 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 are 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 equipment Solar water heater will be used.			
26.	Details of Environmental Management Plan	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 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 affords 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:

- i) The promoter company shall not carry out any development work at proposed site without getting environmental clearance as required under EIA notification no. S.O.4533 E dated 14.09.2006.
- ii) The promoter company shall furnish a bank guarantee amounting to Rs. 10.00 lacs which shall be valid for at least one year, to the Environmental Engineer, Regional Office, SAS Nagar within 7 days as an assurance to not to carry out 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.
- iii) 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 carry out 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, Gol 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.

3.0 Deliberations during 178th meeting of SEIAA held on 22.03.2021

The case was considered by SEIAA in its 178th meeting held on 22.03.2021, wherein SEIAA observed that the EIA notification dated 14.09.2006 stipulates that all projects mentioned in the Schedule appended to the said notification are required to obtain Environmental Clearance prior to commencement of any construction or pre-construction work including preparation of land (except securing of land for the Project).

As per the construction status report of the PPCB the project proponent had commenced construction in the Project site by laying sewer pipes and making internal roads in part of the area without obtaining the requisite prior Environmental Clearance which is a clear case of violation of the EIA notification.

SEIAA, therefore, did not agree with the recommendations of SEAC that it may be allowed to process the case being one of “minor violation” since the EIA Notification neither defines nor differentiates between “minor” and “major” violations. The EIA Notification also does not empower SEIAA or SEAC to condone violations “in the interest of development of the State” or “to avoid unnecessary litigation” as recommended by SEAC.

SEIAA further observed that the MoEF&CC vide its notifications dated 14.03.2017, 08.03.2018, 15.03.2018, 16.03.2018 and 09.09.2019 had laid down procedures for entertaining and processing violation cases in respect of which Project Proponents had sought condonation prior to the final cut off window of 13.04.2018. However, no procedure has been prescribed by the MOEF&CC in respect of cases of violations after 13.04.2018. Taking into consideration the fact that more such cases of violations are bound to come up in future too, SEIAA decided that a detailed reference should be made to MOEF&CC suggesting a procedure for dealing with such cases keeping in view the spirit of the orders of various Courts and the NGT on the subject.

SEIAA further observed that effective mechanisms needed to be put in position to ensure that all the projects coming in the ambit of the EIA Notification apply for and obtain prior Environmental Clearance before start of project activities as stipulated in the Notification dated 14.09.2006.

After detailed deliberations, SEIAA decided as under:

- i) A detailed reference be made to MoEF&CC seeking clarity on dealing with cases in which violations of the EIA notification have occurred or come to light after 13.04.2018.
- ii) A copy of the EIA Notification dated 14-9-2006 be sent to all concerned Departments, Corporations, Boards and Municipalities in Punjab State which regulate activities falling in the schedule attached to the EIA Notification dated 14.09.2006. All such Departments / Organizations should be requested to make it mandatory that projects falling under the ambit of EIA notification should have the requisite Environmental Clearance before statutory clearances are issued to such projects by the concerned Departments / Organizations.
- iii) The above issues will also be discussed in the next Joint meeting of SEIAA and SEAC.

In compliance with the aforesaid decisions, the following actions have been taken:

- i) A detailed reference has been made to MoEF&CC by SEIAA vide letter No 3772 dated 09.04.2021 (**Annexure-1**) requesting clarification on the procedure to be adopted for violations after 13.04.2018.
- ii) A copy of the EIA Notification dated 14-9-2006 has been sent through email to all concerned Departments, Corporations, Boards and Municipalities in Punjab State which regulate activities falling in the schedule attached to the EIA Notification dated 14.09.2006. All such Departments / Organizations have also been requested to make it mandatory that projects falling under the ambit of EIA notification should have the requisite Environmental Clearance before statutory clearances are issued to such projects by the concerned Departments / Organizations.
- iii) The above issue has been flagged and noted separately to discuss the same in the next Joint meeting of SEIAA and SEAC.

In the meanwhile, the Indian Cooperative Housing Building Society Ltd. (Registered SAS Nagar, Mohali vide letter dated 22.03.2021 (received on 24.03.2021) informed as under: -

- (i) Earlier, application was filed for grant of Environmental Clearance for 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 having plot area of 108.58 acre and built-up area of 2,08,819.52 sq.m.
- (ii) Now, they have changed the planning of the project in a way that only development work will be undertaken by them in the form of laying of roads, plumbing, electrical lines, etc. within the project and no construction on any plot or group housing will be done by them.
- (iii) They wish to draw SEIAA attention towards EIA Notification, 2006 and its amendments, if the plot area of the project is more than 50 ha or built-up area is more than 1,50,000 sq.m. then, it comes under schedule 8 (b). As plot area of their project is 108.58 acres (44.34 ha) which is less than 50 ha and no construction on any plot or group housing will be done by them; thus, project does not fall under the purview of Environmental Clearance.

- (iv) Further, they assure that consent to Establish will be obtained from Punjab Pollution Control Board for the said development work. And if, the group housing site within the project will be having built-up area more than 20,000 sqm. then separate Environmental Clearance will be obtained for the said group housing site by the individual plot owner.
- (v) As such, it is requested to kindly allow the withdrawal of their application submitted for the Environmental Clearance.

4.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Devi Pal Sharma and Dr. Sandeep Garg Environmental Consultant on behalf of the promoter company.

During the meeting, SEIAA was apprised that Member Secretary, PPCB vide letter no. 1777 dated 05.04.2021 in reference to the email dated 19.10.2020 informed that the proposed site of the project is situated in the residential area as per the notified Master Plan of New Chandigarh. Further, there is no MAH industry within a radius of 250 m from the boundary of the proposed site of the project. There is no Air Polluting Industry within 100 m radius from the boundary of the proposed site of the project. Therefore, the site of the project is conforming to siting guidelines laid down by the Govt. of Punjab, Department of Science, Technology & Environment vide order dated 25.07.2008 as amended on 30.10.2009.

As per the record of this office, the industry has applied for consent to establish (NOC) of the Board through OCMMS in the month of January, 2019. The industry has submitted proposal to abstract ground water @2200 KLD and 1887 KLD effluent will be treated. The project proponent has submitted proposal to install STP of capacity 2 MLD based on SBR technology. The treated effluent @ 1698.3 KLD will be utilized onto land for horticulture and plantation area (35.565 acre horticulture land and 6.5 acre onto land for plantation as per Karnal technology). The remaining treated effluent will be discharge into GMADA sewer. The project proponent has submitted a proposal to dump the solid waste at authorized dumping site for which GMADA has issued permission to the project proponent vide no. SE(C1)/GMADA/2019/84 dated 11.01.2019.

Environmental Consultant of the promoter company informed that the planning of the project has been changed and they are in the process of getting the approval for the revised layout plan of the project. To a query by SEIAA regarding commencing construction of internal roads and laying of sewers in violation of the EIA 2006 as reported by PPCB vide letter No 4185 dated 23.10.2020, Environmental Consultant stated that the planning has been changed by the promoter company and construction work has been stopped. Environmental Consultant reiterated the submissions made vide their aforementioned letter dated 22.03.2021 that the Project Proponent would not be undertaking any construction itself and hence no violation has been made by the project proponent at this stage.

To another query of SEIAA, the project proponent and Environmental Consultant both stated that if their present application for withdrawal is accepted, they will apply afresh for Environmental Clearance for their project after getting the revised layout plan of the Township & Area Development project.

SEIAA was not satisfied with the reply of project proponent due to the following reasons:

- i) The application for withdrawal appears to have been submitted by the Project proponent only to escape the anticipated action against them regarding the violations made by them by commencing work on the project prior to obtaining EC in contravention of the EIA Notification, 2006. This is evidenced by the fact that they have submitted detailed maps, plans and extensive other documentation for the Project which all consistently state that the built-up area of the project will be 2,08,819.52 sq mts. They have also consistently been following up their case since 2019. Even as late as the SEAC meeting held on 01.03.2021 attended by the Project Proponent and their Environmental Consultant, no mention has been made of any change in plans or withdrawal of their application. The request for withdrawal has suddenly been made only after SEIAA took cognizance of the violations made by the Project Proponent and prima facie appears to have been done only to escape action against them for the said violations.
- ii) The Project Proponent’s main contention is that since the construction of the built-up area is no longer proposed to be undertaken by them, the EIA Notification 2006 will not be applicable to their Project. This argument is not tenable since the EIA Notification 2006 is applicable to all projects having total area above 50 hectares and /or built up area above 1,50,000 sq mts regardless of whether the Project Proponent or any other agency / person undertakes the actual construction. The application for obtaining EC has been made by the Project Proponent in which an exact figure of 2,08,819.52 sq mts built-up area has been computed. Since this built-up area is in excess of the threshold figure of 1,50,000 hectares, the Project is covered under the EIA Notification 2006, irrespective of whether the construction is done by the Project Proponent or by any other agency.
- iii) The violations reported by the PPCB vide their letter dated 23.10.2020 obviously ante-date the said letter of the PPCB. Hence the violations occurred well before the Project Proponent requested withdrawal of their application vide letter dated 22.03.2021 and thus, attract the relevant provisions of EIA Notification 2006.

After detailed deliberations, SEIAA decided to issue notice to the Project Proponent to show cause why action should not be initiated against them in respect of the aforementioned violations under Section 5 of the Environmental Protection Act, 1986. SEIAA further decided that a copy of the notice be also sent to PPCB stating that “Consent to Operate” may not be granted to the Project Proponent till a final decision is taken in the matter. Project Proponent also be directed not to undertake any further construction till a final decision in the matter is taken by SEIAA.

Item No.179.17: Application for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals of ADB Rail Part– II on river bed of river Sutlej in the Village Arzi Derya Bramd Rail, District-S.B.S Nagar, Punjab submitted by M/s Mahadev Enclave Private Limited. (Proposal No. SIA/PB/MIN/56768/2020).

The facts of the case are as under:

M/s Mahadev Enclave Private Limited has applied for obtaining TOR under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) of ADB Rail Part – II from river bed in the revenue estate of **Arzi Derya Bramd Rail, District-S.B.S Nagar, Punjab** on 14.10.2020. The project is covered under S.No. 1(a) of the Schedule appended to the said notification.

The project proponent submitted all the requisite documents as per the check list of mining case along with Form-02. The project proponent submitted a hard copy of the same, which was taken on record.

(A) General

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	M/s MAHADEV ENCLAVE PRIVATE LIMITED B-37 Ayodhaya Marg, Hanuman Nagar, Jaipur, Rajasthan +91 9780625432 avnit.kaushal@gmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Eco Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 consulteco@yahoo.com

1.0 Deliberations during the 195th meeting of SEAC held on 24.10.2020.

The project proponent submitted all the requisite documents as per the checklist of the mining case along with Form-02. The hard copy submitted by the project proponent was taken on record.

The case was considered by SEAC in its 195th meeting held on 24.10.2020. The meeting was attended by the following through Video Conference on behalf of the project proponent:

- (i) Sh. Deepak Kumar, Authorised signatory, on behalf of the project proponent.
- (ii) Sh. Arun Kumar Yadav, M/s Overseas Min Tech Consultants, Environmental consultant of the Project Proponent.

SEAC allowed the project proponent to present the salient features of the project and the Environment consultant of the promoter company presented the same as under:

S.No.	Item	Details
1.	Online Proposal No.	SIA/PB/MIN/56768/2020
2.	Project Name & Location	ADB Rail Part – II Sand Mining Project Village: ADB Rail District: SBS Nagar, Punjab by M/s Mahadev Enclave Private Limited

3.	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals	
4.	Details of Mining Lease		
i)	Mineral (s) to be mined	Sand	
ii)	Capacity of Mine	12,04,980 TPA	
iii)	Mining Lease Area	30.02 Ha	
iv)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt.	Reference No: Memo No. 780/MG/ Date of Issue: 07.09.2019 Validity of LOI: 3 years	
5.	Hadbast No.	420	
6.	Land Khasra No. & their consent details		
	Sr No	Type	Khasra No.
	1	Govt. Land	
	2	Private Land	37//21, 22, 23/1, 23/2, 24, 25,38//20, 21/1, 21/ 2, 22, 23, 24, 25,39//11, 12/1, 12/2, 13, 14/1, 14/2, 16, 17, 18, 19/1, 19/2,20, 21, 22/1, 22/2, 23, 24/1, 24/2, 25, 40//11, 12, 13/1, 13/2, 13/3, 15/2, 16/2 18/1, 18/2, 19, 20, 21, 22, 23, 24/1, 25/2, 41//1, 9/1, 9/2, 9/3, 10/1, 10/2, 11, 12/1, 12/2, 13/1, 13/2, 14/1, 14/2, 15/1, 15/2, 16/1, 16/2, 17/1, 17/2, 18/1, 18/2, 19/1, 19/2, 20, 21, 22/1, 22/2, 23/1, 23/2, 24/2, 25/1, 25/2, 42//2,3, 4, 5, 6, 7, 8/1, 8/2, 9, 10, 11, 12, 13, 14, 15/1, 16, 17, 18/1, 18/2,43//1, 2, 3, 4, 5, 6, 7, 8/1, 8/2, 9, 10, 11, 12, 13, 14/1, 14/2, 15, 44//6, 15, 58//1, 2/1, 2/2, 3, 4, 5
7.	Latitude & Longitude		
	Corner	Latitude	Longitude
	PIT-I		
	Corner 1	30°58'54.91"N	76°27'22.92"E
	Corner 2	30°58'54.80"N	76°27'25.49"E
	Corner 3	30°58'52.90"N	76°27'25.43"E
	Corner 4	30°58'52.52"N	76°27'40.55"E
	Corner 5	30°58'48.64"N	76°27'40.56"E
	Corner 6	30°58'48.59"N	76°27'41.72"E
	Corner 7	30°58'46.74"N	76°27'41.76"E
	Corner 8	30°58'46.73"N	76°27'43.61"E
	Corner 9	30°58'52.44"N	76°27'43.71"E
	Corner 10	30°58'52.20"N	76°27'55.73"E
	Corner 11	30°58'50.23"N	76°27'55.70"E

	Corner 12	30°58'50.12"N	76°28'0.74"E																					
	Corner 13	30°58'48.19"N	76°28'0.67"E																					
	Corner 14	30°58'47.72"N	76°28'23.43"E																					
	Corner 15	30°58'45.77"N	76°28'23.35"E																					
	Corner 16	30°58'46.27"N	76°27'58.10"E																					
	Corner 17	30°58'44.47"N	76°27'58.15"E																					
	Corner 18	30°58'44.61"N	76°27'48.08"E																					
	Corner 19	30°58'46.47"N	76°27'47.93"E																					
	Corner 20	30°58'47.12"N	76°27'25.32"E																					
	Corner 21	30°58'48.92"N	76°27'25.30"E																					
	Corner 22	30°58'49.27"N	76°27'15.14"E																					
	Corner 23	30°58'51.10"N	76°27'15.20"E																					
	Corner 24	30°58'51.53"N	76°26'52.51"E																					
	Corner 25	30°58'55.42"N	76°26'52.64"E																					
	Corner 26	30°58'55.42"N	76°26'55.13"E																					
	Corner 27	30°58'57.31"N	76°26'55.15"E																					
	Corner 28	30°58'57.14"N	76°27'7.86"E																					
	Corner 29	30°58'55.14"N	76°27'7.81"E																					
	Corner 30	30°58'55.15"N	76°27'10.30"E																					
	Corner 31	30°58'57.13"N	76°27'10.23"E																					
	Corner 32	30°58'56.75"N	76°27'23.03"E																					
8.	Whether the project attracts the General Condition.	No																						
9.	Does the project involve diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof	No																						
10.	Does the project fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, Status of NOC. If No, If No, submit documentary proof	Ropar Wetland- 5.2 km towards NE																						
11.	Land requirement for the project	Prior to the project proposal <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Sr No.</th> <th style="text-align: left;">Ownership pattern</th> <th style="text-align: left;">Area in Ha.</th> </tr> </thead> <tbody> <tr><td>i)</td><td>Forest Land</td><td>-</td></tr> <tr><td>ii)</td><td>Private land</td><td>30.02</td></tr> <tr><td>iii)</td><td>Government land</td><td>-</td></tr> <tr><td>iv)</td><td>Revenue land</td><td>-</td></tr> <tr><td>v)</td><td>Other land</td><td>-</td></tr> <tr><td>vi)</td><td>Total land</td><td>30.02</td></tr> </tbody> </table>		Sr No.	Ownership pattern	Area in Ha.	i)	Forest Land	-	ii)	Private land	30.02	iii)	Government land	-	iv)	Revenue land	-	v)	Other land	-	vi)	Total land	30.02
Sr No.	Ownership pattern	Area in Ha.																						
i)	Forest Land	-																						
ii)	Private land	30.02																						
iii)	Government land	-																						
iv)	Revenue land	-																						
v)	Other land	-																						
vi)	Total land	30.02																						

		<p>Present Land use Break Up</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Sr No.</th> <th style="text-align: left;">Land use</th> <th style="text-align: right;">Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Agriculture Area</td> <td style="text-align: right;">-</td> </tr> <tr> <td>ii)</td> <td>Waste/Barren Area</td> <td style="text-align: right;">-</td> </tr> <tr> <td>iii)</td> <td>Grazing/community Area</td> <td style="text-align: right;">-</td> </tr> <tr> <td>iv)</td> <td>Surface water Bodies</td> <td style="text-align: right;">-</td> </tr> <tr> <td>v)</td> <td>Other (Specify)</td> <td style="text-align: right;">30.02</td> </tr> </tbody> </table>	Sr No.	Land use	Area in Ha.	i)	Agriculture Area	-	ii)	Waste/Barren Area	-	iii)	Grazing/community Area	-	iv)	Surface water Bodies	-	v)	Other (Specify)	30.02
Sr No.	Land use	Area in Ha.																		
i)	Agriculture Area	-																		
ii)	Waste/Barren Area	-																		
iii)	Grazing/community Area	-																		
iv)	Surface water Bodies	-																		
v)	Other (Specify)	30.02																		
12.	Cost of the project	Rs. 10.36 Crores																		
13.	ToR Fee details	Rs. 15,010/- Vide NEFT, UTR No. AXSK202620016475 dated 18.09.2020																		
14.	Details of Final District Survey Report	Approved by: - Deputy Commissioner, SBS Nagar Reference No.: -2296/ S.K. Date of Issue: - 09.10.2020																		
15.	Details of visit report of Sub Divisional Level Committee as per SSMG 2016	Date of visit: - 22.10.2019 Recommendation: Mining can be conducted up to depth of 3 m.																		
16.	Details of Mining Plan	Approved by: - State Geologist (Department of Mines and Geology, Punjab) Approval Letter No.: - Glg/Pb/M.P./2020/Arzi Derya Bramd Rail Pat-II/635 Date of Approval: - 24.09.2020 Approved Mining Lease Area: 30.02 Ha. Approved Mining Quantity: 12,04,980 TPA Depth of Mining (m): 3.0 m																		
17.	Demarcation report of mining site	Date of demarcation: 19.12.2019 Signed by: <ol style="list-style-type: none"> 1. Mr. Jaswinder Singh (S.D.O- Mining) 2. Mr. Ravinder (J.E.- Mining) 3. Mr. Raman Kumar (Patwari) 4. Mr. Pankaj Kumar (In-charge Mahadev Enclave Private Limited) 5. Gurminder Singh (Operator) 6. Daulat Ram (Sarpanch, Gram Panchayat Majra) 7. Mr. Amandeep Singh R/o Village- Lakhnaur, Mohali 8. Mr. Varinder Kaushal R/o Village- Khizrabad, Mohali 9. Mr. Jagjit Singh R/o Village Paraul, Mohali 																		
18.	Workers (when fully operational)	82 Persons																		

19.	Water Requirements & source	Domestic: 3.7 KLD Dust Suppression: 2.60 KLD Total: 6.30 KLD Ground water/Others: A water storage tank of capacity 5 KLD shall be provided.
20.	Waste water generation, Treatment & its Disposal	i) Quantity of Waste water: 2.9 KLD ii) (80% of water requirement) iii) Treatment Method: Septic Tank iv) Mode of Disposal: a) Plantation purpose.: 2.9 KLD b) Any other purpose: Nil
21.	Solid waste generation and its disposal	Solid waste @ 16.4 Kg/day will be generated which will be disposed to the dump site of the nearest village
22.	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any): Nil No. of plant to be planted: 360 No's Funds Allocated: Rs. 1,50,000/-
23.	Environment Management Plan along with Budgetary breakup and responsibility to implement	ToR case
24.	CER activities along with budgetary break up and responsibility to implement ToR case	

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

Sr. No.	Observations	Reply submitted by the project proponent and his Environmental Consultant
1.	Whether Final District Survey Report (DSR) has been approved?	Approved by: - Deputy Commissioner, SBS Nagar Reference No.: -2296/ S.K. Date of Issue: - 09.10.2020
2.	Whether permission from DFO has been obtained?	Obtained vide letter no. 2714 dated 16.09.2020 issued by DFO, Nawanshaher.
3.	Whether the report from Sub Divisional Committee has been obtained regarding suitability of the site for mining?	The project proponent Submitted a copy of Joint Inspection Report as per the provisions of SSMMG 2016.
4.	The project proponent is required to get the hydrogeological survey of the existing water level done and also required to submit the impact on the water level regime due to the project. This report is required to be submitted	The project proponent agreed to the same.

	at the time of submission of the EIA report.	
5.	The project proponent is required to submit a report regarding the preservation of topsoil excavated during the mining process at the time of submission of the EIA report.	The project proponent agreed to the same.

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

2.0 Recommendation of SEAC

After deliberations, SEAC decided to forward the application of the project proponent to SEIAA with the recommendations to issue Terms of Reference for mining of minor minerals (Sand) on river bed located in the revenue estate of village Arzi Derya Bramd Rail, Tehsil Balachour, District SBS Nagar, Punjab submitted by M/s Mahadev Enclave Pvt. Ltd., as per Annexure-III of the proceedings and the following additional ToRs:

1. The project proponent is required to get the hydrogeological survey of the existing water level done and to submit the impact on the water level regime due to the project. This report is required to be submitted at the time of submission of the EIA report.
2. The project proponent is required to submit a report regarding the preservation of topsoil excavated during the mining process at the time of submission of the EIA report.

3.0 Deliberations during the 174th meeting of SEIAA held on 31.10.2020

The case was considered by SEIAA in its 174th meeting held on 31.10.2020 and was attended by the following on behalf of the project proponent:

- i) Sh. Manoj Kumar authorized signatory of the promoter company.
- ii) Dr. Sandeep Garg, EIA Coordinator & Smt. Simranjit Kaur of M/s Eco Lab, Mohali, Environmental Consultant of the project proponent.

Before allowing the presentation, SEIAA queried to the Environmental Consultant regarding the distance of the mining site from the protected area notified under the Wildlife (Protection) Act, 1972 for determination of the applicability of General conditions in this case, to which they could not give the satisfactory reply. They requested to give some time for arrangements of the requisite document/map from the Forest Department for submitting the proper reply.

SEIAA accepted the request of the Environmental Consultant and decided to defer the case, and to ask the project proponent to submit the reply to the observation. The case will be placed as and when the project proponent submits reply to the observation.

In compliance with the aforesaid decision, Observations of SEIAA have been conveyed to the project proponent vide letter No. 3454 dated 05.11.2020. However, no reply has been received from the Project Proponent so far.

4.0 Deliberations during 177th meeting of SEIAA held on 08.03.2021

The case was considered by SEIAA in its 177th meeting held on 8.03.2021, which was attended by Sh. Mohit Swami on behalf of promoter company. He requested to give more time to submit the reply to the earlier raised observation. He also submitted a written request to defer the case and placed it in the next meeting of SEIAA, which was taken on record by SEIAA.

After deliberations, SEIAA decided to accept the request of the project proponent, defer the case and asked the project proponent to submit the reply to the earlier raised observations, within 07 days. It was also decided that the case be placed in the next meeting of the SEIAA scheduled on 22.03.2021.

5.0 Deliberations during 178th meeting of SEIAA held on 22.03.2021

The case was considered by SEIAA in its 178th meeting held on 22.03.2021 which was also attended by Sh. Sandeep Garg, EIA Coordinator from M/s Eco Laboratories and Consultants Pvt. Ltd.

The environmental consultant of the project proponent informed SEIAA that the requisite clarification regarding the distance of the mining site from the protected area notified under the Wildlife (Protection) Act, 1972 had not yet been received from the concerned DFO. He requested for some more time to submit the required information.

SEIAA took serious note of the repeated delays and informed the project proponent that a last opportunity was being provided to supply the requisite information before the next meeting of SEIAA scheduled on 12.04.2021. In case of failure to submit the same in time, the case would be delisted without any further opportunity to the project proponent.

6.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Sharique and Dr. Sandeep Garg, M/s ECO Laboratory, Environmental Consultant on behalf of the promoter company.

During the meeting, the Project proponent submitted a letter no. 394 dated 12.04.2021, wherein it was mentioned that their project falls at marginal distance of around 5 km from Ropar wetland for which DFO wet land, Ropar vide letter no. 382 dated 19.03.2021 was requested to provide any documentary evidence of exact distance between the project site and Ropar wetland. However, they had not received the same till date. Further, it was submitted that as their project may fall within marginal distance of 5 km radius of Ropar wetland, General Condition shall apply to the project and it will fall under category ‘A’ of Schedule appended to the EIA Notification, 14.09.2006. In view of the above, it was requested to kindly allow withdrawal of their application so that fresh application can be submitted to MoEF&CC.

After deliberations, SEIAA decided to accept the request of the project proponent and allowed the withdrawal of TOR application bearing proposal no. SIA/PB/MIN/56768/2020 submitted for mining of minor minerals of ADB Rail Part– II on river bed of river Sutlej in the Village Arzi Derya Bramd Rail, District-S.B.S Nagar, Punjab subject to the condition that a fresh application should be made by the Project Proponent to the MOEF&CC, within 30 days .

Item No. 179.18: Status of on-going Court Cases.

The matter was placed before SEIAA in its 179th meeting held on 12.04.2021 wherein the latest status of Court cases relating to the different Hon’ble Courts were presented as under:

Sr. No.	Name of the case/Industry	Year of filing the case	U/s/Act and Brief of Violation	Remarks (Interim orders of last hearing of court)	Present Status and next date of hearing
1	CWP no. 21351 of 2016 filed by M/s Janta Land Promoters Ltd. v/s Union of India & others	2016 SSTE, PPCB, SEAC & SEIAA have been impleaded as Respondent no. 2, 3, 4 & 5.	The project proponent has contended that Janta Land Promoter Ltd. has taken the Environmental Clearance for whole area which included their project site also. As such, the individual project does not require Environmental clearance.	Status report in the matter has already been filed by Reeta Kohli in the Hon'ble High court.	The case was listed on 17.02.2021 which is adjourned to 24.05.2021
2	CWP no.21940 of 2018 titled as Sukhdev Singh & Others v/s State of Punjab & others	2018 SEIAA have been impleaded as Respondent no. 4	The petitioner has prayed about shifting of Solid Waste facility from the present venue i.e., Bhagtanwala to some other	The reply has been filed on behalf of respondent no 4 i.e., SEIAA in the Hon'ble Court on 24.01.2020.	The case is listed on 23.04.2021

			alternative site.		
3	CWP no.6777 of 2019 titled as Piyar Kaur & Another v/s Union of India & others filed through Advocate Satinder Kaur in Hon'ble Punjab & Haryana High Court, Punjab	2019 SEIAA has been impleaded as Respondent 09.	The petitioner has prayed that he has been falsely implicated in the illegal mining case. PPCB vide letter no. 19258 dated 28/06/2019 informed that Sh. Sahil Sharma, Advocate has been appointed to appear before the Hon'ble Court on behalf of SEIAA	Earlier, the case was listed on 16.11.2019 and Sh. Sahil Sharma, Advocate appearing on behalf of SEIAA (Respondent No. 9) submitted in the court that he does not want to file any reply as no prayer has been made against the SEIAA Lastly, Listed on 16.03.2020	The case is listed on 23.04.2021
4	Review Petition in CWP 27115 of 2019 CM 1234 of 2020 RA-CW- 31 of 2020 M/s Surya Land Promoters Pvt. Ltd. Vs Union of India &Ors.	2020	Review petition filed against the order of High court dated 25.09.2019	A review petition was filed by the SEIAA on 17.01.2020. Earlier, the case was listed on 24.03.2020	The case is listed on 20.04.2021 MoEF&CC, RO Chandigarh was requested vide letter no. 3259 dated 05.11.2020 to send a copy of the reply file in the Hon'ble High Court.
5	CWP No 1483 of 2020 Jalandhar Human Welfare Society	2020	Requested to cancel the Environmental Clearance.	Reply was filed on 12.03.2020 on behalf of	The case was listed on 15.02.2021 and adjourned

“Proceedings of 179th meeting
held on 12.04.2021”

	Vs State of Punjab		SEIAA is one of the respondents i.e., Respondent no 6	SEIAA. The case was listed on 01.04.2020	to 20.5.2021
6.	CWP 20853 of 2019 Premdeep Singh Shergil Vs State of Punjab & Others	2020	Copy of petition received SEIAA is one of the respondents i.e., Respondent no 5	Mail received on 31.01.2020 Reply has been approved by SEIAA in its 162nd meeting held on 19.03.2020. However, the same has yet to be signed by MS(SEIAA)	The case was listed on 23.03.2021 and adjourned to 26.07.2021. A copy of the order dated 23.03.2021 was annexed as Annexure-1 of the Agenda. Reply has been filed in the month of August 2020
7	CWP 10239 of 2020 titled Rahul Pathania Vs UOI & others	2020	The petitioner has laid challenge to the e-auction notice dated 30.05.2019 and prayer has been made for quashing environment clearance granted by SEIAA in its 155th Meeting SEIAA is one of the respondents i.e., Respondent no 4	Mail received on 01.08.2020 Reply has been approved by SEIAA in its 169th meeting held on 17.08.2020.	The case was listed on 27.01.2021 and adjourned to 07.04.2021 Reply was approved by SEIAA in its 169 th meeting held on 28.08.2020. and the same has been filed in the Hon'ble High Court in the month of September.
8	CWP 10339 of 2020 tilted Rakesh Kumar Chowdhary Vs State of Punjab & Others	2020	SEIAA is one of the respondents i.e., Respondent no 6 The case is	Hon'ble High Court vide order dated 28.08.2020 Ordered that	Lastly, the case was listed on 25.02.2021 and adjourned to 12.05.2021

			primarily related to the mining department. Sh. Suveer Sheokand has been engaged in the case vide letter no. 400 dated 20.10.2020. In the matter, date will be taken if needed	on deposit of process fee, let notices be issued for service of respondent no.6 for 24.11.2020.	Reply in the matter has been filed.
10	CWP 18583 of 2020- Mahadev Enclave Pvt. Ltd. Vs State of Punjab & Others	2020	SEIAA is respondent no. 09	Copy of the petition received on 18.11.2020 The case was listed on 23.11.20 and court was apprised that the Committee has ceased to exist on 07.11.2020	Case was disposed of on 18.03.2021. the detail order passed by the Hon'ble High Court was annexed as Annexure-2 of the Agenda.
11	CWP 19435 of 2020-Gurjit Singh S/o Jit Singh Vs. UOI & Ors.	2020	SEIAA is respondent no. 03. Copy of the Petition is yet to be received.	An email received on 04.11.2020 through Additional Director, DECC.	The case was listed along with CWP 2164 of 2020 on 15.01.2021 and adjourned to 26.04.2021

Before Hon'ble NGT

Sr. No.	Name of the case/Industry	Year of filing the case	U/s/Act and Brief of Violation	Remarks (Interim orders of last hearing of court)	Present Status and next date of hearing
1	OA No. 980/2019 tilted as Harminder Singh & others. v/s	2019	NGT constituted a team in the matter	Lastly listed on 06.12.2019.	Case was listed on 24.02.2021 And

	Union of India & others			The report was filed on 05.12.2019 through email Detailed order passed on 03.03.2020	adjourned to 20.05.2021 A committee headed by Justice Jasbir Singh has been constituted and they visited the site on 15.03.2021
2	OA No 125/2020 titled Kulwant Singh & Ors Vs UOI & Ors.	2020	The matter relates to the Talwandi Sabo Power Ltd. (TSPL), Mansa to pay environmental compensation for damage to the environment and the agricultural fields on account of unscientific management of the fly ash	Hon’ble NGT, vide order dated 15.07.2020 constituted a joint Committee comprising CPCB, State PCB, SEIAA, Punjab and District Magistrate, Mansa has	Case was listed on 03.03.2021 and adjourned to 07.04.2021 Dr. Sunil Mittal, Member SEIAA nominated in the committee constituted by Hon’ble NGT.

SEIAA noted the above and desired that requisite action should be taken to properly defend / take other appropriate measures in all pending cases.

Item No.179.19: Complaint regarding violation of EIA notification, 2006 by Preet City, Sector 86, Mohali received through email dated 09.02.2018 from Ravi Kumar

Facts of the matter are as under: -

A complaint on the subject cited matter was received through email dated 09.02.2018 from the complainant namely Sh. Ravi Kumar. The complainant in his complaint has mentioned that as per his knowledge, Preet City at Sector 86, Mohali is violating the provisions of EIA notification, 2006 as the said colony having plot area of more than 125 acres has started the construction of flats in the project without getting environmental clearance from the MoEF. Further, the complainant has mentioned that they have not taken any permission from the PPCB for the revised plans. He

has purchased a plot in the colony but no proper arrangement for treatment as well as disposal of sewage being generated from the colony has been provided.

SEAC members namely Sh. N.S. Kahlon & Sh. Sandeep Singh Virdi were requested by SEIAA vide letter no. 187-188 dated 26.02.2018 to visit the site to verify the contents of the complaint and submit a report within ten days so that further action in the matter may be taken and copy of the same was endorsed to Environmental Engineer, Punjab Pollution Control Board, Regional Office, Mohali in order to depute the concerned area Officer for assisting the team.

In compliance to the aforesaid letter, Sh. N.S. Kahlon & Sh. Sandeep Singh Virdi (both SEAC Members) along with Officers from Punjab Pollution Control Board visited the site in complaint on 15.03.2018. Sh. B.K. Sharma, Senior Manager of the Promoter Company was present during visit. He showed a copy of relevant approvals got from Different Departments to the visiting team. The detail of documents shown by him is as under: -

- a) A copy of letter of Intent for grant of special package of Incentives under Industrial Policy 2003 issued by Punjab Urban Planning & Development Authority, PUDA Bhawan, Sector-62, SAS Nagar vide letter no. PUDA.ACA (Pr.)/ 2006/17566 dated 02/05/06 to M/s Preet Land Promoters & Developers Pvt. Ltd., SCO 666, Sector 70, SAS Nagar Mohali for developing project comprising of Mega Multiplex cum Shopping Mall, Commercial pockets, hotel/restaurant, residential, flats for EWS and schools in an area of 200 acres (approx..) in the revenue estate of Village Nanu Majra, Sohana and Patti Sohana in Sector 85, 86 & 87, Mohali.
- b) A copy of change of Land Use of a Township Mega Project in Sector 86 Mohali was issued to M/s Preet Land Promoters & Developers Pvt. Ltd., SCO 666, Sector 70, SAS Nagar Mohali by Department of Housing and Urban Development (Housing-II Branch) Government of Punjab vide memo no. 18/223/2006-5HG2/12917 dated 28/12/06 wherein the permission was granted for change of land use of 104.33 acres from Agriculture to Residential/ Group Housing/ Institutional and Commercial as defined in the outline of the Master Plan. In the said letter, a condition to the effect was imposed that No proposal shall be given by the promoter for the land falling in Sector 87 which has been proposed as City Centre.
- c) Thereafter, a notification no. CTP (Pb) MPR-24/2751 dated 13/10/2009 was issued by Government of Punjab, Department of Housing and Urban Development (Housing-II Branch) wherein the group housing project in area of 91.50 acres falling in Sector 86, Mohali developed by M/s Preet Land Promoters & Developers Pvt. Ltd., Mohali was given exemption from the provisions of Punjab Apartment & Property Regulation Act, 1995 subject to the conditions mentioned therein.
- d) The approval of layout plan for an area measuring 100.96 acres in Sector 86, Mohali was given by Chief Town Planner vide letter no. 8248 CTP(Pb)/MPR-24 dated 05/11/2009 to M/s Preet Land Promoters & Developers Pvt. Ltd., Mohali.
- e) Divisional Engineer, Greater Mohali Area Development Authority (GMADA) PUDA Bhawan, Sector-62, SAS Nagar vide Memo No. GMADA-DE(PH-1)2013/5402 dated 09/12/13 clarified to the promoter company in the matter for issuing NOC for Sewerage Connection & Solid waste

disposal of Sector-86, SAS Nagar, Mohali in order to obtain Consent to Establish (NOC) from Punjab Pollution Control Board (PPCB) to the effect as under: -

- (i) The promoter company has to make its own arrangement for treatment & disposal of sewage generated from the project till the time the requisite infrastructure is provided by GMADA. Although GMADA has formulated a proposal for laying outfall sewer and the sewage load of the project has been duly accounted for while designing it.
- (ii) The promoter company has to make its own arrangement for solid waste management generated from the project till the time the Common Municipal Solid Waste Management Facility in Village Samgauli, Tehsil Derabassi, Mohali is established and commissioned.
- f) The Promoter Company obtained Consent to Establish (NOC) from the Punjab Pollution Control Board vide letter no. 479 dated 20/01/2014 to establish a residential complex having 410 no. residential plots, 116 no. EWS houses, 38 no. commercial shops, primary/high school, dispensary and club in an area of 100.96 acres i.e. 4,08,567 sqm subject to the conditions including the condition that septic tank will be provided in initial stages of occupancy in addition to the construction of STP for full discharge to be generated from the residential apartments at its full occupancy simultaneously along with the construction of the residential apartments.
- g) The Promoter Company got its revised layout plan no. PLP/4 dated 11.06.2014 approved from Department of Town & Country Planning, Punjab vide memo no. 3398 dated 18/06/2014 for an area measuring 100.96 acres with net planned area 72.544 acre.
- h) The Promoter Company got the building plans of Group Housing 2, Preet City having plot area 3.932 acres (2,81,278.025 sqft) approved from GMADA, SAS Nagar vide Memo no. 21156 dated 28.07.2014.
- i) GMADA, PUDA Bhawan, SAS Nagar vide its memo no. 3851 dated 22.08.2014 conveyed the promoter company that Water Supply network has not been laid on the peripheral roads around the project of the promoter company. The Promoter Company has to make its own arrangement for providing drinking water till such time the requisite infrastructure is provided by the GMADA.
- j) The Promoter Company got its revised layout plan no. ZP/01 dated 01.07.2014 dated 11.06.2014 approved from Department of Town & Country Planning, Punjab vide memo no. 4957 dated 02/09/2014 for an area measuring 3.932 acres wherein the group housing project was proposed subject to the conditions mentioned therein including the condition that the promoter company will obtain necessary approvals from Competent Authority as per the provisions of EIA Notification dated 14.09.2006.
- k) Thereafter, M/s Girn Constructions (MoU signed between Preet Land Promoters & Developers Ltd. and M/s Girn Constructions) obtained environmental clearance under EIA notification dated 14.09.2006 from SEIAA, Punjab vide letter no. 3439 dated 18.11.2014 for construction of group housing project namely Central Green having total area as 15918.02 sqm with built up area as 26141.08 sqm in Preet City Site 2, Sector 86, SAS, Nagar.

l) GMADA, PUDA Bhawan, SAS Nagar vide its letter no. 19 dated 05.01.2018 has sent a copy of supplementary agreement signed between Government of Punjab and M/s Preet Land Promoters & Developers Pvt. Ltd having its site Office in Sector 86, Mohali wherein it has been mentioned that timeline for developing Mega Housing Project in an area of 100.96 acres in the revenue estate of Village Nanu Majra, Sambhalki, Mauli Baidwaan, Sohana and Patti Sohana, Mohali is from 01.07.2015 to 30.06.2018.

Thereafter, the team visited the entire area of the Preet City along with Sh. B.K. Sharma, Senior Manager of the Promoter Company and observed as under: -

- 1) The Preet City is located in Sector 86, Mohali and is being promoted by Preet Land Promoters & Developers Private Limited.
- 2) The Preet City has been divided in two parts and is being developed as Preet City-1 and Preet City-2.
- 3) In Preet City -1, total five number towers are to be constructed and approval has been got for only two towers. The Construction has been started. During visit, some photographs were taken which were placed on record.
- 4) In Preet City-2, the sewerage pipes have been laid and plots where residential houses have been constructed & occupied, the waste water from these houses is being discharged into collection tanks constructed along the boundary of the Preet City. Total five numbers of collection tanks have been provided having depth of 16 ft. The Manager of the Company informed during visit that till date, the collection tanks have been made empty only once with the help of mobile tankers i.e., after the time period of 1.5 years for the present occupancy.

The matter was considered by the SEIAA in its 130th meeting held on 11.04.2018 and after detailed deliberations, the SEIAA decided that show cause notice for violation of the provisions of EIA notification be issued to the promoter company. Simultaneously, complaint be forwarded to Punjab Pollution Control Board for verification and taking necessary action.

In compliance to the decision, following actions were taken: -

- a) The Member Secretary, Punjab Pollution Control Board Patiala was requested vide letter no. 556 dated 23.04.2018 to get the facts of the compliant verified and take further necessary action against the promoter company as per rules.
- b) Show cause notice for carrying out expansion beyond threshold limit of built up area without obtaining environmental clearance under the provision of EIA notification, 2006 was issued to M/s Preet Land Promoters & Developers Pvt. Ltd., Sector 86, Mohali vide letter no. 557 dated 23.04.2018 along with an opportunity to give the reply in writing within fifteen days from the issuance of said notice failing which it will be presumed that the promoter have nothing to say in the matter and proposed action will be taken without affording any further opportunity/ notice.

The promoter company vide its no. PLP/Pollution/53/AO1082 dated 08.05.2018 submitted reply to the show cause notice as under: -

- i) In this regard at the outset, it is submitted that sharp & sudden down trend in the real estate market during the last 2-3 years is the main contributing factor for delay in various pending works of Mega Residential Township at “Preet city”, Sector- 86, Mohali, Punjab being developed by our company namely “Preet Land Promoters & Development Pvt. Ltd.
- ii) Subsequent to visit of Sh. N.S. Kahlon & Sh. Sandeep Singh Viridi (both SEAC Members) & other PPCB officers on 15.03.2018, we had planned to execute pending works on top priority. Regrettably, due to entanglement of our company legal case the planned work has again been perforced to be put on hold temporarily.
- iii) Not with standing all the above, we hereby assure that we will be on job soon after the present crisis in hand of our director is over. Further, we also assure that we will endeavor our best of complete the pending works at the earliest possible.
- iv) Therefore, you are kindly requested to give us some more time to complete the pending works, especially keeping in view the interests of general public who are the main affected lot if any adverse decision is taken by your good selves at this stage.

The matter was considered in 133rd meeting of SEIAA held on 06.07.2018 but no one attended the meeting from the project proponent side. After detailed deliberations, the SEIAA decided as under: -

- (i) To obtain the action taken report of the letter sent to Punjab Pollution Control Board regarding necessary action taken against the promoter company as per Rules after getting the facts of the complaint verified.
- (ii) Notice be issued to the project proponent to prove that the project Preet City is not covered under the ambit of EIA notification, 2006.

In compliance to the decision, following actions were taken: -

- a) Punjab Pollution Control Board was requested vide letter No. 831 dated 16.07.2018 to send the action taken report.
- b) Show cause notice was issued to the project proponent vide letter No. 832 dated 16.07.2018 to prove that the project Preet City is not covered under the ambit of EIA notification, 2006.

The project proponent has now submitted reply to the show cause notice, which is attached as Annexure-A. However, the project proponent has not replied to the observation of SEIAA mentioned in the show cause notice. Further, no report has been received from the Punjab Pollution Control Board as requested vide letter no. 831 dated 16.07.2018.

In the 133rd meeting of SEIAA held on 06.07.2018, it has also been decided to give an opportunity of hearing to the project proponent to prove his contention that project is not covered under the ambit of EIA notification, 2006.

Accordingly, the project proponent has been requested vide email dated 24.08.2018 to attend the 136th meeting of SEIAA to be held on 27.08.2018.

The matter was considered in 136th meeting of SEIAA held on 27.08.2018 but no one attended the meeting from the project proponent side. After detailed deliberations, the SEIAA decided as under: -

- (i) Punjab Pollution Control Board be asked to send the reply to the earlier SEIAA letter No. 831 dated 16.07.2018.
- (ii) Show cause notice be issued to the project proponent to submit written reply and attend the next meeting of SEIAA stating that project namely "Preet City" is covered under the ambit of EIA Notification, 2006 and has been developed in violation of Environment Protection Act, 1986. As such, it has now been decided to initiate legal action against the project proponent and person responsible for violating the provisions of EIA Notification, 2006. A complaint will be filed in the competent court of law under the provision of section 15 & 16 read with section 19 of EPA, 1986. In case of non-submission of any written satisfactory reply and not attending the meeting, it will be presumed that project proponent has nothing to say in the matter and proposed action will be taken against the project proponent and person responsible without giving any further notice /opportunity.

As decided, Punjab Pollution Control Board was requested to send reply to the earlier SEIAA letter No. 831 dated 16.07.2018 vide letter No. 1313 dated 07.09.2018. No reply has been received from the Punjab Pollution Control Board. Show cause notice was also issued vide letter No. 1312 dated 07.09.2018 to the project proponent. No reply has been received from the project proponent.

As decided in 138th meeting of SEIAA held on 15.10.2018, Punjab Pollution Control Board was again requested to send the report vide letter No. 1473 dated 03.12.2018 regarding violation of EIA notification by M/s Preet City. Project proponent of Preet City was again issued show cause notice vide letter No. 1474 dated 03.12.2018.

M/s Preet Land Promoters & Developers Private Ltd., vide letter No. PLP/Pollution/53/AD1226 dated 18.12.2018 has submitted the reply to the show cause notice.

The matter was considered by the SEIAA in its 142nd meeting held on 30.01.2019 which was attended by Sh. Charan Singh Saini, Director and Sh. Raghbir Singh Manager of the promoter company. SEIAA queried to the project proponent as to why the legal action should not be initiated against the project proponent as the project namely "Preet City" has been developed without obtaining environmental clearance and has violated the provisions of EIA Notification, 2006. Sh. Charan Singh Saini, Director of the company stated that they have already obtained environmental clearance, but they have not brought the record file as the message to attend the meeting was received on 29.01.2019 in the evening. He requested to give another opportunity to attend the meeting so as to submit the requisite documents pertaining to their project. SEIAA accepted the request of the project proponent.

SEIAA observed that the Punjab Pollution Control Board has not sent the report as sought vide letter No. 556 dated 23.04.2018, letter No. 831 dated 16.07.2018 & vide letter No. 1313 dated 07.09.2018, till date. The SEIAA took a serious note of the same.

After deliberations, SEIAA decided as under: -

- i. To ask the project proponent to attend the next meeting of SEIAA along with requisite documents.
- ii. Chairman, Punjab Pollution Control Board be asked demi-officially to send the desired report as already requested vide letter No. 556 dated 23.04.2018, letter No. 831 dated 16.07.2018 & vide letter No. 1313 dated 07.09.2018.

The matter was considered by SEIAA in its 147th meeting. Project Proponent was not present in the meeting. SEIAA observed that no report has been received from Punjab Pollution Control Board. After deliberation, SEIAA decided to remind Punjab Pollution control Board again to send the report at the earliest and to ask project proponent to attend the next meeting with the requisite documents.

In compliance with the aforesaid decisions, Punjab Pollution Control Board was requested vide letter no. 451 dated 06.06.2019. to ask the concerned Regional Office to verify the facts of the complaint and send the action taken report, so that further action in the matter can be taken.

No reply has been received from the Punjab Pollution Control Board, so far.

Deliberations during 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th meeting held on 19.02.2021, wherein it was observed that no report had been received from the Punjab Pollution Control Board as sought vide letter no. 451 dated 06.06.2019. After deliberations, SEIAA decided as under:

- (i) A reminder be issued to the Punjab Pollution Control Board for sending the reply to SEIAA letter No. 451 dated 06.06.2019.
- (ii) Show cause notice along with opportunity of personal hearing be issued to the project proponent to explain why legal action should not be initiated against the project proponent and person(s) responsible for violating the provisions of EIA Notification, 2006.

In compliance with the aforesaid decision, the following actions have been taken:

- i) A reminder has been issued to PPCB vide letter no 3632 dated 09.03.2021.
- ii) Show cause notice along with opportunity of personal hearing on 22.03.2021 has been issued to the project proponent vide 3633 dated 09.03.2021.

Deliberations during 178th SEIAA meeting held on 22.03.2021

The matter was considered by SEIAA in its 178th meeting held on 22.03.2021 which was also attended by the following:

1. Sh. C.S Saini, Director on behalf of the project proponent.
2. Sh. Deepak Gupta, Environmental Advisor of the Project Proponent.

On a query by SEIAA the project proponent informed that the Preet City is being developed in Sector 86 SAS Nagar and comprises of residential plots, 2 no. group housing projects along with High School, Dispensary, EWS flats, Nursery School, Religious area etc. He further informed that the Environmental Clearances for 2 Group Housing Projects within Preet City had already been obtained. However, he could not provide any documentary proof in this regard.

SEIAA was apprised that as per the layout plan approved by the Chief Town Planner Punjab vide no. 3398 CA (Pb) MPR 24 dated 18.06.2014 the total covered area under the project will be more than 1,50,000 Sqm and the project therefore, is covered under category 8 (b) of the Schedule appended to the EIA notification dated 14.09.2006.

The Environmental Advisor of the project proponent maintained that the Project was not covered under Category 8 (b) of the EIA Notification and requested that a last opportunity be provided to submit the reply to the observations raised by SEIAA along with all the relevant documents.

After detailed deliberations, SEIAA agreed to the request of the project proponent and decided to give last opportunity to appear before it in its next meeting Scheduled to be held on 12.04.2021. In case the project proponent does not submit satisfactory reply to the observation or does not appear in the meeting, SEIAA will take necessary action in the matter without any further opportunity to the project proponent. It was also decided that another reminder be issued to PPCB through e-office file to expedite the action taken report which is pending from over 3 years.

In compliance with the aforesaid decision, project proponent has been requested through email to attend the meeting of SEIAA scheduled on 12.04.2021.

It is further submitted that in reference to the SEIAA letter no. 451 dated 06.06.2019, the Member Secretary, Punjab Pollution Control Board vide letter no. 1583 dated 24.03.2021 informed that the project proponent was granted 'Consent to Establish (NOC) vide no. O14SASCTE649346 dated 20.01.2014 under the Water Act, 1974 and Air Act, 1981, for establishment of a residential project namely "Preet City' having 410 residential plots, 116 no. EWS house and 38 commercial shops, primary/high school, dispensary and club in an area of 100.96 acres i.e. 4,08,567 sqm, with the certain conditions mentioned therein, which was valid up to 19.01.2015. As per proposal submitted at the time of obtaining NOC, the total plot area of the project was less than 50 hectares (as per the approved layout plan dated 05.11.2009) and no construction was to be done by the project proponent in the project site, hence, the said project was not covered under the EIA notification dated 14.09.2006.

A complaint was received against the promoter company by Sh. Ravi Kumar and to verify the contents of the complaint, a mail was received from SEIAA on 14.3.2018 wherein it was requested to this office to coordinate with the members of SEAC to visit the project site. The site was visited along with the member of SEIAA/SEAC on 16.3.2018. Team observed that the promoter is not complying with the provisions of Water Act, 1974 and Air Act, 1981. Accordingly, personal hearing was given to the promoter company before the Chairman of the Board on 12.06.2018 and the Regional Office was requested to submit the latest status of the site. The project site was again

visited by the officers of the Board on 07.11.2019 and observed that the promoter is not complying with the provisions of Water Act, 1974 and Air Act, 1981. The project proponent was issued directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 vide Board's letter no. 596 dated 24.01.2020 as under:

1. The project proponent shall immediately stop the sale of plots, stop operating the outlet until or unless it has provided the adequate STP and adequate disposal of its wastewater as well as obtaining the consent of the Board under Water (Prevention & Control of Pollution) Act, 1974.
2. That the unit will not restart discharging the wastewater until It obtains Consent to Establish (NOC)/ 'Consent to Operate' of the Board as required us 25 of the Water (Prevention & Control of Pollution) Act, 1974.

Direction u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 were issued to the Sub-Registrar-cum-Tehsildar, SAS Nagar vide Board's letter no. 598 dated 24.01.2020 as under:

“That the Sub-Registrar-cum-Tehsildar, SAS Nagar shall not register any sale deed concerning the said project and enter these directions in the stay register and submit compliance to these directions in the stay register and submit compliance to the Punjab Pollution Control Board.”

The project proponent had applied for 'Consent to Establish' (NOC) as well as partial consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 through OCMMS. The site of the project was visited by the officers of the Board on 21.09.2020. It was observed that the project proponent has installed STP. Consent to establish (NOC) was granted for one year which is valid up to 14.01.2022. Consent to operate under Water Act, 1974 were granted which is valid up to 31.03.2021. A letter has been written to Tehsildar; SAS Nagar vide no. 7-10 dated 01.01.2021 to allow to execute the sale / conveyance / transfer deed for residential plots / commercial properties concerning to said project temporarily up to 31.03.2021.

Deliberations during 179th meeting of SEIAA held on 12.04.2021

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, but neither the Project Proponent nor their Environmental Consultant attended. During the meeting, SEIAA was apprised that an email dated 08.04.2021 was received from the Director, Preet Land Promoters and Developers Pvt. Ltd., Sector 86 Mohali in reference to the item No. 179.19 regarding complaint of violation of EIA notification, 2006 by “Preet City”, Sector-86, Mohali, project proponent, wherein it was mentioned that:

- a) PPCB, Head Office, Patiala vide letter No. 6030 dated 30.12.2020 had given the personal hearing on 15/12/2020 before the Chairman of the Board to M/s Preet Land Promoters & Developers Pvt. Ltd., (Project: Preet City), Sector-86, SAS Nagar u/s 25/26 of the Water Act, 1974 and u/s 21 of the Air Act, 1981.
- b) PPCB, Head Office, Patiala vide letter no. 263 dated 18.01.2021 has granted “Consent to Establish” (NOC) u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, which is valid up to 14.01.2022.

- c) PPCB, Head Office, Patiala vide letter no. 265 dated 18.01.2021 has granted “Consent to Operate” an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent, which was valid up to 31.03.2021.
- d) Further, company letter No. PLP/Pollution/53/AD1600 dated 24.03.2021 (Progress report on personal hearing) may please be referred.
- e) In view of above, it is requested to kindly dispose of the subject complaint favourably.

SEIAA was apprised that company letter No. PLP/Pollution/53/AD1600 dated 24.03.2021 (Progress report on personal hearing) has not been received with the said email.

SEIAA observed that project proponent has not submitted the appropriate reply to the show cause notice issued vide its letter no. 3633 dated 09.03.2021 and has also failed to submit any documentary proof to the effect that the project is not covered under the EIA Notification 14.09.2006.

SEIAA perused the revised plan of Preet City, Residential Township, which was approved by the Chief Town Planner (CTP), Punjab Chandigarh vide letter no. 3398 CTP (Punjab) NPR-24 dated 18.06.2014 and observed that no Floor Area Ratio (FAR) for the residential area has been approved in the said plan.

After detailed deliberations, SEIAA decided to ask the CTP, Punjab to provide the FAR for the residential area proposed in the revised plan of Preet City residential Township which was approved by it vide letter no. 3398 CTP (Punjab) NPR-24 dated 18.06.2014. Further, after getting the reply from the CTP, Chandigarh, the case be placed again in the next meeting of SEIAA.

Item No.179.20: Clarification regarding amendment in conditions of Environmental Clearance of group housing project- DD MITTAL TOWERS located at Multania Road, Bathinda, developed by BCL Industries and Infrastructures Ltd.

The facts of the matter are as under: -

BCL Industries & Infrastructure Ltd., Bathinda, vide letter no. 2828 dated 20.01.2021 received on 09.03.2021 informed as under:

- i) BCL Industries and Infrastructure Ltd. has developed a group housing project DD Mittal Towers located at Multania Road, Bathinda. The project has been developed after getting the EC vide letter no. SEIAA/MS/2011/40536 dated 13.10.2011 from SEIAA, Punjab. The total plot area of the project is 16274.27 sq. meters and total constructed area of the project is 48820 sq. meters.
- ii) During the grant of EC, there was no common STP of Bathinda City. Accordingly, the promoters of the project proposed the installation of individual STP for the treatment of domestic effluent to be generated by the project residents within the project premises.

As per their proposed scheme, the SEIAA, Punjab made a condition in the EC for the installation of STP at the project.

- iii) After the grant of EC and before the completion of construction of DD Mittal Towers project, Common STP for Bathinda City was installed and operated by the MC, Bathinda. The promoters of the project got the sewer connection for the discharge of untreated effluent to the Common STP for Bathinda City and paid the requisite charges to the MC, Bathinda for the sewer connection and are now paying the user charges to the MC Bathinda for the discharge of domestic effluent in it.
- iv) During the filling of application for consent to Operate under Water Act to Punjab Pollution Control Board, the officers of the PPCB are asking them for getting the amendment in the condition of EC done for the non-installation of STP at the site due to the reasons mentioned above.
- v) As per MoEF&CC, Govt. of India Notification dated 14.11.2018, projects having built-up area of less than 50000 sq. meters do not require EC from SEIAA and Local Bodies Department has been made the Competent Authority in these projects for the compliance of the Environmental Conditions.
- vi) Considering the above scenario, BPCL wanted clarification from the SEIAA office as under: Does DD Mittal Towers located at Multania Road, Bathinda require amendment in EC for the non-installation of STP as the project has got the sewer connection for the discharge of untreated effluent to the Common STP for Bathinda City at the project site. If so, who is the competent authority for the grant of amendment in the condition of EC in light of MoEF&CC, Govt. of India Notification dated 14.11.2018.

1.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The matter was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA was apprised regarding the NGT order dated 25.04.2017 and order passed by Punjab Pollution Control Board on 05.07.2018 as under: -

i) Order passed by Hon'ble NGT on 24.04.2017

“Therefore, we hereby direct that no plans for the building of constitution over 10,000 Sqm area which will cover for construction of any commercial, industrial and even residential area would be sanctioned by any legal authority in the entire country unless such sanction plan duly provided for setting up of an STP which shall bring sewage and domestic discharge within the prescribed parameters.”

ii) Order passed by Punjab Pollution Control Board on 05.07.2018

- a) If the residential colony/commercial complex/construction project is proposed to be established within the municipal limits of a City/Town of the State and it proposes to discharge its entire sewage into the municipal sewer, then the promoter of the residential colony shall install adequate and appropriate individual sewage treatment plant. The project proponent shall make arrangements to re-use the treated effluent for flushing

purposes and/or for watering of green areas in the project premises. Only the surplus treated wastewater shall be discharged into the MC sewer.

- b) If the residential colony/commercial complex/construction project is proposed to be established outside the municipal limits of a City/Town of the State or jurisdiction of any other development authority, then the individual colonizer shall provide adequate and appropriate STP to treat its wastewater and shall make arrangements to reuse the treated wastewater for flushing purposes and to discharge the remaining treated effluent onto land for plantation/irrigation purposes.

- iii) **Competent Authority for grant of amendment in the condition of Environmental Clearance.**
In light of EIA Notification dated 14.09.2006 amended from time to time, SEIAA, Punjab has been empowered by the Ministry for grant of amendment in the condition of EC granted to group housing project DD Mittal Towers located at Multania Road, Bathinda

From the above, SEIAA observed that

- i) Total plot area of the project is 16,274.27 sqm and Environmental Clearance was granted vide letter no. 40536 dated 13.10.2011 to the project with condition of installation of STP of capacity 350 KLD for the treatment of 293 KLD waste water.
- ii) Hon’ble NGT vide order dated 24.04.2017 has directed that no plans for building or construction over 10,000 sqm area including any commercial, industrial and even residential area would be sanctioned by any legal authority in the entire country unless such sanctioned plan provides for setting up of an STP which shall bring sewage and domestic discharge within the prescribed parameters.

The area of the project is 16,274.27 sqm which is more than a 10,000 sqm area. Hence, amendment in the conditions of EC to the project permitting it to dispense with the condition of installing an STP will be in violation of the Hon’ble NGT orders dated 25.04.2017.

After detailed deliberation, SEIAA decided to inform M/s BCL Industries & Infrastructure Ltd., Bathinda as above in reference to their letter no. 2828 dated 20.01.2021 received on 09.03.2021.

Item No. 179.21: Requests from the various project proponents for withdrawal of their applications filed under EIA notification, 14.09.2006 for obtaining Environmental Clearance.

The facts of the case are as under:

The matter was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA was apprised that 02 requests from the project proponents for withdrawal of their applications filed under EIA notification, 14.09.2006 for obtaining Environmental Clearance have been received and the details of the same are given as under: -

- (i) Application for EC bearing Proposal No. SIA/PB/MIS/161556/2020 of M/s. ARTIQUE INFRATECH for Group Housing project “Uptown Skylla” Located at SAS Nagar, Punjab was submitted on 17.10.2020.

However, application could not be processed by SEIAA since the term of the previous SEIAA expired on 07.11.2020. The project proponent submitted that their project bearing proposal No. IA/PB/MIS/185689/2020 has been accorded EC by MoEF & CC New Delhi. As such, the Project proponent has requested on 25.03.2021 to allow the withdrawal of his earlier EC application.

- (ii) Application for EC bearing Proposal No. SIA/PB/MIS/1638030/2020 of M/s. SARABJIT SINGH S/O GURBAX SINGH for Commercial project “Sarab Sukh Hotels” Located at Amritsar, Punjab was submitted on 12.10.2020. However, application could not be processed by SEIAA since the term of the previous SEIAA expired on 07.11.2020. The project proponent submitted that their project bearing proposal No. IA/PB/MIS/185036/2020 has been accorded EC by MoEF & CC New Delhi. As such, the Project proponent has requested on 24.03.2021 to allow the withdrawal of his earlier EC application.

1.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The matter was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA observed that in the aforesaid cases, the applicant had already submitted fresh application to the Ministry during the period when the term of SEIAA had expired. Further, Ministry had also accorded the Environmental Clearance to the said project proposals.

After detailed deliberations, SEIAA decided to allow the withdrawal of application bearing proposal no. SIA/PB/MIS/161556/2020 of M/s. ARTIQUE INFRATECH for Group Housing project “Uptown Skylla” located at SAS Nagar, Punjab and SIA/PB/MIS/1638030/2020 of M/s. SARABJIT SINGH S/o GURBAX SINGH for Commercial project “Sarab Sukh Hotels” Located at Amritsar, Punjab.

Item No.179.22: Transfer of Category ‘B’ proposals received between two windows (i.e., 14.09.2017 to 13.03.2018) under this Ministry’s Notification dated 14.03.2017-reg.

The facts of the matter are as under:

Ministry of Environment, Forest & Climate Change, (IA-III Section), Govt. of India vide letter dated 01.03.2021 informed as under:

1. The Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 mandates the requirement of prior environmental clearance to the projects/activities listed in the schedule to the said, Notification. These projects/activities have been categorized under category ‘A’ or ‘B’ and require appraisal and approval by the respective regulatory authorities at the Central/State level.
2. The Ministry has issued a Notification No. S.O. 804 (E) dated 14.03.2017 under the Environment (Protection) Act, 1986 to appraise and regularize the projects, already taken up or under implementation without having obtained prior environmental clearance in terms of the provisions of the EIA Notification, 2006 and are therefore identified in violation of the same. The said Notification had given six-month window period i.e., 14.03.2017 to 13.09.2017 for submission of such proposals. Further, Hon’ble High Court of Madras vide order dated 14.03.2018 in the matter of W.M.P.Nos. 3361 and 3362 of 2018 and W.M.P. No. 3721 of 2018 in W.P.No. 11189 of 2017,

has provided one-month additional window period i.e., 14.03.2018 to 13.04.2018 for submission of such proposals.

3. Apart of above window period, the Ministry had also received such proposals in between two window periods and which are pending in the Ministry. During the review meeting held on 18.11.2020 regarding pending proposals of Violation Sector, Secretary, Ministry of Environment, Forest and Climate Change directed that Category ‘B’ proposals shall be transferred to respective SEIAAs for appraisal under violation category following the provisions mentioned in the Notification dated 14.03.2017 (MoM is attached herewith as Annexure-3 of Agenda).
4. In view of the above, one proposal pertaining to State of Punjab is hereby transferred in accordance with this Ministry’s Notification dated 08.03.2018 and OM Nos. Z-11013/22/2017-IA.II (M) dated 15.03.2018, OM No. 22-10/2019-IA.III dated 09.09.2019 for taking further necessary action in the matter. The details of the proposal are as under:

Sr.No.	Proposal No	Project Name
1	IA/PB/NCP/72683/2018 dated 03.02.2018	SBP South City at VIP Road, Zirakpur by M/s South City Promoters & Developers Pvt. Ltd.

5. As such, it is requested to consider the above applications as per Ministry’s Notification dated 14.03.2017, as amended from time to time.

1.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The matter was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA was apprised that Ministry has not yet transferred the aforesaid case online to SEIAA. Also, the project proponent has not submitted a hard copy of the application to the SEIAA. In the absence of the application, the case cannot be processed.

After detailed deliberations, SEIAA decided as under:

- (i) Technical Director of Ministry of Environment, Forests and Climate Change be requested to transfer the application bearing proposal no. IA/PB/NCP/72683/2018 dated 03.02.2018 on the Parivesh Portal to SEIAA so that application of the project proponent can be considered by SEIAA as per directions of the MOEF&CC.
- (ii) Project proponent be asked to submit a hard copy of the application within 15 days so that application can be considered by it.
- (iii) After getting the application from the project proponent/Ministry, the same be forwarded to the SEAC for appraising the project.

Item No.179.23: Status of pending cases as on 01.04.2021.

The matter was placed before SEIAA in its 179th meeting held on 12.04.2021, wherein the status report of the online cases (EC / TOR / Amendment in Environmental Clearance/Extension in the Validity) pending with SEIAA & SEAC as on 01.04.2021 was apprised as under: -

A) 1st Level - Scrutiny

Sr. No.	Type of Cases	Total No. of Cases	Pending with	
			SEIAA	SEAC
1	EC cases	8	8	0
2	Extension in the validity of EC	1	1	0
3	Modification/Corrigendum in the EC	0	0	0
5	TOR cases	0	0	0
	Total	9	9	0

B) 2nd Level - after acceptance

Sr. No.	Type of Cases	Total No. of Cases	Pending with	
			SEIAA	SEAC
1	EC cases	21	9 (07 cases placed in the 179 th meeting of SEIAA and remaining 02 are sub-judicious in nature).	12 (placed in the 198 th meeting of SEAC scheduled on 05.04.2021)
2	Transfer of EC cases	0	0	0
3	TOR cases	7	5 (Placed in the 179 th meeting of SEIAA)	2 (placed in the 198 th meeting of SEAC scheduled on 05.04.2021)
4	Violation cases	7	7 (01 case placed in the 179 th meeting of SEIAA and remaining 06 cases report is awaited from the PPCB).	0
	Total	35	21	14

Note: Detailed List are enclosed as Annexure-1 of the Agenda.

SEIAA observed that report is yet to be received from the PPCB in the 06 violation cases of Terms of Reference. SEIAA was apprised that a reminder was sent to the Chairman of the Board vide letter no. 3676 dated 07.04.2021 and the matter is also being followed up on the E-office note. Further, only 09 cases are pending at scrutiny level with SEIAA, which will be examined by the next week.

After detailed deliberations, SEIAA decided that requisite follow up action be continued with the PPCB to get the reports in the violation cases and scrutiny of the pending cases be completed by 21.04.2021.

Item No 179.24: Notice regarding violation of the conditions of Environmental Clearance granted to the project

The facts of the matter are as under:

While considering the item no 178.02, SEIAA in its 178th meeting held on 22.03.2021 observed that Non-compliance of conditions imposed while granting EC's was a serious matter. Hence Advisories to Project Proponents and their Environmental Consultants to comply with the conditions of their respective EC's should be issued urgently.

In compliance with the decision of SEIAA, draft of the notice was prepared and same was placed in the meeting for approval of SEIAA. (Annexure 2 of the agenda).

1.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021.

The matter was considered by SEIAA in its 179th meeting held on 12.04.2021, wherein SEIAA perused the notice (Annexure 2 of the agenda) regarding the violation of the conditions of Environmental Clearance granted to the project. SEIAA suggested certain amendments in the notice.

After detailed deliberations, SEIAA decided to approve the notice with certain amendments. Copy of the approved notice is annexed as **Annexure-2** of the proceedings.

The meeting ended with a vote of thanks to the Chair.



No. SEIAA/2021/3772

Registered/Email

Date: 09/04/2021

To

The Joint Secretary,

Ministry of Environment, Forests & Climate Change
 3rd Floor, Prithvi Wing, Indira Paryavaran Bhawan,
 Jor Bagh, New Delhi-110003

Subject: Procedure for dealing with cases in which violations of the EIA Notification come to light after 13.04.2018.

It is intimated that Ministry of Environment, Forests & Climate Change (MOEF&CC), has issued Notification No. S.O. 804 (E) dated 14.03.2017 under the Environment (Protection) Act, 1986 on the cited subject to appraise and regularize the projects which had commenced operations without having obtained prior environmental clearance in violation of the provisions of the EIA Notification, 2006. The said Notification had provided a window of six months i.e. from 14.03.2017 to 13.09.2017 for submission of such proposals. Further, Hon'ble High Court of Madras vide order dated 14.03.2018 in the matter of W.M.P. Nos. 3361 and 3362 of 2018 and W.M.P. No. 3721 of 2018 in W.P.No. 11189 of 2017, extended the window for submission of such proposals till 13.04.2018.

MOEF&CC has also issued Office Memorandum dated 09.09.2019 regarding consideration of Category-B violation proposals at the State level as per the provisions of Notification S.O 804 (E) dated 14.03.2017 through lateral entry wherein it has been clarified that only those proposals may be taken up for consideration under this provision which were submitted to SEAC during or prior to the above mentioned windows.

Further, this is to bring to your kind notice that State Environment Impact Assessment Authority (SEIAA), Punjab has been receiving proposals for grant of EC's / TOR's subsequent to 13.04.2018 which turn out to be "violation cases" during the process of their scrutiny / appraisal. Subsequently too, such proposals are bound to be received which are in violation of the provisions of the EIA Notifications issued from time to time. Presently there is no provision whatsoever for processing proposals received after 13.04.2018 for grant of EC / TOR to Projects which commence operations without prior EC or which are otherwise found to be "violation cases" during scrutiny / appraisal since the extant directions from MOEF&CC do not permit entertainment of any such violation cases.

In this context, SEIAA Punjab observed that the rationale and exigencies which necessitated grant of a window for processing such cases as detailed in paras 7 to 12 of MoEF&CC Notification dated 14.03.2017 as also the spirit of the orders of various courts referred to in this notification and elsewhere continue to be valid and applicable for similar violation cases received or detected after 14.03.2018 too.

SEIAA Punjab further observed from the minutes of several EAC meetings available on PARIVESH Portal that the competent authority in the MOEF&CC appears to have taken a decision regarding processing violation cases after the cut-off date of 13.04.2018 as evident from extract, proceedings of 27th/29th EAC meeting held on 3rd to 5th Feb,2021 and 15th to 17th March, 2021 respectively **(Annexure-1)**.

It is evident from the proceedings of the attached EAC proceedings and from other recent cases recommended for approval by the EAC, that the competent authority in the MoEF&CC appears to have taken a decision that appraisal of violation cases for grant of TOR's / EC's should be undertaken concurrently with the prosecution of the violators and adoption of remedial measures even in respect of violation cases after 13.04.2018.

It is also evident that different procedures cannot be adopted by the MOEF&CC and by the SEIAA's in dealing with the same types of violations. This is a fundamentally untenable proposition since Project Proponents who have submitted applications for grant of TOR's / EC's to SEIAA and have been refused consideration on account of the present directions of the Ministry would immediately draw attention to the fact that similar applications have been entertained and processed by the EAC. Needless to mention, such a course of action besides being intrinsically unfair would also not stand any legal challenges - which are inevitable if different criteria are adopted by the EAC and SEIAA's in dealing with similar cases.

In view of the above, it is requested that the decision taken by the competent authority in the MOEF&CC on the subject of dealing with post 13.04.2018 violation cases may be urgently conveyed so that SEIAA Punjab may adopt similar procedures for dealing with such cases. Till the receipt of the clarification from the Ministry, SEIAA Punjab has decided that the projects in question will be placed in the "deferred" category.

DA/As above.


Member Secretary


Annexure-1

EAC meeting No / date	Proposal No	Particulars of the case	Decision taken by EAC
27 th EAC Meeting from 3 rd to 5 th Feb 2021	IA/OR/MIN/79113/2018 submitted on 16.09.2018	It is a violation Case pertaining to excess mining of Manganese ore in Tiringpahar Iron and Manganese Mine of Tata Steel in Palsha, Orissa which was not regularized by the PP during the prescribed window.	<p>As recorded in Para 12 &13 (pages 15-16 of 72) of the Minutes of 27th EAC meeting (Non-Coal mining) held during 3rd – 5th February,2021 which was uploaded on Parivesh Portal, the following decisions were taken by the EAC:</p> <p>Para no. 12</p> <p>“The proposal for Terms of Reference (ToR) was considered before the Expert Appraisal Committee (Non Coal Mining) in its 27th EAC meeting held during 3rd-5th February, 2021. After detailed deliberations on the proposal, the Committee noted that this is a violation of the EIA Notification 2006 and subsequent amendments as PP has enhanced the manganese ore during 2006-07 (86715 TPA) against the approved Environmental Clearance capacity of 85,000 TPA. The following principle as approved by the Competent Authority with respect to consideration of violation cases to be followed:</p> <ul style="list-style-type: none"> (i) Send the matter to the Sector EAC for consideration of the case on merit. (ii) Take action against the alleged violation as per law. (iii) Do not wait for either the evidence of action having been started or violation proceedings to finish before taking up the case on merit. (iv) The EC if given after consideration on merit would be valid from the date it is given and not with retrospective effect. For the period before it, if violation is established by the court or the competent

			<p>authority, the punishment/penalty as per law would be imposed.</p> <p>Para no. 13</p> <p>In view of the above, the Committee recommended the proposal for grant of Standard Terms of Reference for Tiringpahar Iron and Manganese Mine of M/s Tata Steel Limited with the production capacity of 0.85 LTPA of Manganese Ore (MLA: 169.00 ha), located at Palsha, khondbond, Jaribahal and Gurda village at Barbil Tehsil in Champua sub-division of Keonjhar District in Odisha. In addition to Standard Term of Reference for non-coal mining, standard ToR as per the recommendation made by NEERI in its carrying capacity study for Odisha, the Committee also prescribed the following specific term of reference for this project.....”</p>
29 th EAC Meeting from 15 th to 17 th March 2021	Proposal No IA/TG/MIN/53618/2007 submitted on 06.02.2019	It is a violation case pertaining to continuous excess production over the limit prescribed in the EC in Sultanpur Thanda Limestone Mine, Telengana.	<p>As recorded in Para 4 & 5 (page 39-40 of 55) of the Minutes of the 29th EAC meeting (Non-coal mining) held during 15th - 17th March, 2021, which was uploaded on Parivesh Portal, the following decisions were taken by the EAC:</p> <p>Para no. 4</p> <p>“The proposal for Environmental Clearance (EC) was considered before the Expert Appraisal Committee (Non-Coal Mining) in its 29th EAC meeting held during 15th- 17th March, 2021. During the EAC meeting, the Project Proponent informed the Committee that there is excess of the production against the EC capacity of 50,000 TPA during the period 2015-16 (52,000 TPA), 2016-17 (51,000 TPA) and 2018-19 (50,021 TPA). The Committee is of the view that this proposal is a violation of the EIA Notification 2006 and subsequent amendments as PP has enhanced the production against the</p>

approved EC capacity of 50,000 TPA. The following principle as approved by the Competent Authority with respect to consideration of violation cases to be followed:

- (i) Send the matter to the Sector EAC for consideration of the case on merit.
- (ii) Take action against the alleged violation as per law.
- (iii) Do not wait for either the evidence of action having been started or violation proceedings to finish before taking up the case on merit.
- (iv) The EC if given after consideration on merit would be valid from the date it is given and not with retrospective effect. For the period before it, if violation is established by the court or the competent authority, the punishment/penalty as per law would be imposed.

Para No 5

In view of the above, the Committee deferred the proposal for want of the following additional information: -

- (i) The State Government/SPCB to take action against the project proponent under the provisions of the Environment (Protection) Act, 1986.
- (ii) The Project Proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.

			<p>(iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.</p> <p>(iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.</p> <p>(v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.</p> <p>(vi) The Project Proponent should submit the latest EC certified Compliance report."</p>
--	--	--	---


STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB

 Ministry of Environment, Forest & Climate Change, Government of India
 O/o Directorate of Environment & Climate Change
 MGSIPA Complex, Sector 26,
 Chandigarh-160019
seiaapb2017@gmail.com
No. SEIAA/MS/2021/_____ Registered Dated_____
 To

M/s _____

Subject: Notice regarding violation of the conditions of Environmental Clearance granted to the project.

Whereas, Ministry of Environment, Forests & Climate Change (MoEF&CC), Govt. of India, New Delhi has issued EIA Notification no. 1533 (E) dated 14.09.2006 under the provisions of Environmental (Protection) Act, 1986. As per the provisions of the said Notification, it is mandatory for the project/activities covered under the schedule appended with the said Notification, to obtain prior environmental clearance from MoEF&CC/State Level Environment Impact Assessment Authority (SEIAA) before starting any activity at site.

And, whereas, as per the section 10 of EIA Notification dated 14.09.2006, amended as on 26.11.2018 it shall be mandatory for the project management to submit half-yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 01st June and 01st December of each calendar year.

And whereas, your project was granted Environmental Clearance vide letter No. _____ dated _____ for establishment/expansion under EIA Notification dated 14.09.2006 subject to compliance of certain conditions and proposed measures for environmental safeguards, which inter alia include the following:

- (i) 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.
- (ii) 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.

Further, the Environmental Clearance granted for your Project also specifically states that "SEIAA / Ministry may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory".

And whereas, SEIAA in its 178th meeting held on 22.03.2021 observed that many project proponents are not complying with the aforesaid conditions. A serious note of this was taken by SEIAA since compliance of the above prescribed conditions by the Project Proponents is mandatory for effectively monitoring the compliance of the EC conditions.

And whereas, after detailed deliberations, SEIAA decided to issue notice to the Project Proponents who are not complying with the aforesaid conditions to submit/ upload their stipulated compliance status reports by 01st June of 2021, failing which action would be initiated to suspend / revoke the Environmental Clearance granted to the project.

In view of the above, you are, hereby, provided a final opportunity to upload the status of compliance reports of the stipulated environment clearance conditions, including results of monitored data on your website and update the same on half-yearly basis (till 31-03-2021). You are also required to submit six-monthly reports (till 31-03-2021) 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 (**PARIVESH web portal**), by 01st June of 2021, failing which proceedings will be initiated to suspend / revoke the Environmental Clearance granted to the project. Action taken in this regard be intimated to this office before 01st June of 2021.

Environmental Engineer