

Nectar Lifesciences Ltd.

To

Date: 24.05.2025

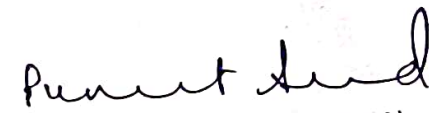
The Environmental Engineer, State Level Environmental Impact assessment
Authority Punjab Ministry of Environment, Forest & Climate Change,
Government of India,
PBTI Complex, Knowledge City, Sector-81,
Mohali 140306.

Subject: Submission of Six Monthly Compliance Report for the period from 1st
October-2024 to 31st march-2025 of granted Environment Clearance
EC21B021PB174929 dated 25/11/2021.

Dear Sir,

With reference to the above cited subject matter, we are submitting herewith Six
Monthly Compliance Report of granted Environmental Clearance for the period from
1st October-2024 to 31st march-2025 of granted Environment Clearance
EC21B021PB174929 dated 25/11/2021.

Thanking You,


Nectar Lifesciences Ltd. (Unit-02)

Authorized Signatory

Six monthly Compliance of Environment Clearance No. **EC21BO21PB174929**

granted on 21.09.2021

Sr. No.	Specific Condition of EC21BO21PB174929	Current Status as on 15.05.2025
1.	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.	No forest land(Forest area away from our factory approx. 22.5 KM).
ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not 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)	Not Applicable
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.	Permission obtained vide Letter No.PWRDA/I/02/2025/13/527. Annexure-I
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	Complied, Obtained CTO : CTOA/Renewal/SAS/2025/27952 174 & CTOW/Renewal/SAS/2025/27952 193,

Sr. No.	Specific Condition of EC21BO21PB174929	Current Status as on 15.05.2025
		<i>Issued on date:07/03/2025</i> <i>Valid Up to Date: 06/06/2025</i> Annexure-II
vi)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied, Obtained authorization: HMW/renew/SAS/2025/230581 15. Issued on date: 07.03.2025 Valid Up to:06.06.2025 <i>Annexure-III</i>
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.	Complied.
viii)	The project proponent shall comply with the CLU conditions imposed by competent authority, if any	NA, There shall be no requirement for CLU for setting up of standalone industries in Derabassi punjab.
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.	Complied, We follow the guideline which are under MSIHC, as I) Provide the vehicle chock at every vehicle during loading & unloading the material. II) Provide the flame arrester/Smoke Detector. III) We have Instructed at main gate for speed of Vehicle as 15 to 20 KM/Hr. IV) We have provided proper parking for vehicle . Term card is mandatory for every vehicle.
II)	Air quality monitoring and preservation	

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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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied We have installed OCMS system for monitoring the stack emission and also all process stack are being monitored by NABL approved Laboratory on quarterly basis <i>Annexure-IV.</i>
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.	Complied, Fugitive emission is being monitored by authorized agency on quarterly basis. Photo copy of reports are enclosed in separate as <i>Annexure-V</i>
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 NOx in reference to SO2 and NOx 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.	Complied, We have installed AAQMS system as per EC requirements. As <i>Annexure-VI</i>
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.	Not Applicable. Rice husk boilers are used(Biomass AFBC Boiler).
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.	Complied. All raw material are stored under covered shed or constructed closed rooms.

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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.	Complied. We have installed the VOC meter.
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.	Complied.
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.	Complied.
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.	Complied, All parameters are being monitored periodically and recorded. Photo copy of reports are attached separately as <i>Annexure-VII</i> .
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.	Complied, Photo of OCEMS is attached as <i>Annexure-VIII</i> .
ii)	Low TDS effluent to the tune of 1334 KLD will be treated in the ETP of capacity 1500 KLD and treated waste water will be utilized onto land for plantation. High TDS effluent to the tune of 195 KLD which will be treated in MEE of capacity 500 KLD. MEE condensate will be sent to RO plant and RO permeate will be used in cooling tower and	Currently under 1100 KLD Low TDS effluent is being treated in ETP and 265 KLD High TDS treated by MEE. Condensate goes to LTDS and followed by RO.

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	irrigation of green belt. The concentrate of MEE will be passed through ATFD.	
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.	No effluent is being discharged.
iv)	Total fresh water requirement shall not exceed the 1672 KLD. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	Complied. We obtained the permission from State board PWRDA. We have extraction ground water Approx. 1000 KLD.
v)	Process effluent/any waste water 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.	Complied. Separate storm water drain is provided.
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.	Shall be complied.
vii)	Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.	Complied.
viii)	Provide electromagnetic flow meter at intake of water supply from the at the bore well for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated waste water back into the system and for horticulture purpose/green belt etc.	Complied. Photo of EMF is attached as Annexure-VIII .

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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.	Complied. we have maintained the proper record and submitted to the PWRDA/PPCB Regional office on or before 10 th date of every month.
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.	Shall be complied.
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.	Complied.
IV.	Noise monitoring and prevention	
i)	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied.
ii)	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied.
iii)	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.	Complied.
V.	Energy Conservation measures	
i)	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.	Shall be complied
	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.	Shall be complied

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VI.	Waste management	
i)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Complied.
ii)	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	Complied.
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.	Complied.
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.	Complied.
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.	Complied.

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vi)	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.	Complied.
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 waste water generation.	Complied.
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 10405 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete. There are already 10000 plants in the premises and further 405 more trees will be planted in phase manner.	Complied.
VIII.	Transport	
i)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and be operated only during non-peak hours.	Complied.

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ii)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Complied.
IX.	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.	Complied.
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	Complied.
iii)	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act	Complied.
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.	Complied.
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.	Complied.
vi)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied.

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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.	Complied.
viii)	A first aid room will be provided in the project both during construction and operation phase of the project.	Complied.
X.	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.	Complied.
XI.	Environment Management Plan	
i)	As proposed, the project proponent shall adhere to the commitments made in the proposal for spending at least a minimum amount of Rs. 40 lacs on the Corporate Environment Responsibility. The amount to be spent on aforesaid activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.	Complied
ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/forest/ wildlife norms/ conditions to all shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF &CC as a part of six-monthly report.	Complied

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iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Complied.
iv)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. The project proponent shall adhere to the commitments made in the Environment Management Plan and shall spend minimum amount of Rs. 9.15 Crore as a Capital expenditure and Rs. 758.1 lacs per annum as recurring expenditure as proposed in the EMP as under. The entire cost of the environmental management plan will be borne by the project proponent. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Shall be complied
v)	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Complied
XII.	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	Complied

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ii)	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.	Shall be complied
iii)	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.	Complied
iv)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied
v)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied
vi)	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.	Complied
vii)	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.	Complied

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viii)	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.	Complied
ix)	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.	Complied
x)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Complied
xi)	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.	Shall be complied
xii)	No further expansion or modifications in the project shall be carried out, other than mentioned in the EIA Notifications, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)/SEIAA, as applicable. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Complied
xiii)	The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.	Noted

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xiv)	This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted
	XIII. Additional Conditions	
i)	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.	Complied
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.	Shall be Complied
iii)	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.	As pollution control device, site has installed Bag filter, Cyclone followed by ESP.
iv)	The project proponent shall practice rainwater harvesting to maximum possible extent. For this, 8 no. of village ponds located at Villages- Nimbua, Khalawar, Tehsil Dera Bassi, District SAS Nagar, shall be adopted for desilting to recharge the rainwater @ 2232294.75 KL/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided 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.	Complied

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v)	The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.	Complied