

# **revalyu Recycling (India) Limited**

## **Environmental Clearance Half yearly Compliance Report**

For the period from

**April 2025 to September 2025**

**EC granted for Project activity for manufacturing of PET products like POY, Poly chips, & Ethylene Glycol with additional capacity increase, using waste non-biodegradable PET bottles as basic raw material.**

**at**

**Gat No. 265/1-266, Village: Avankhed, Tal.: Dindori,  
District: Nashik**

**Environmental Clearance Letter No. EC(POLYGENTA)-2009/CR.135/TC.1  
Dated 15<sup>th</sup> February 2010**

EC Condition No.	Condition	Compliance
Sr. No. 3 (i)	'Consent to Establish " shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environmental department before start of any construction work at the site.	<p><b>Complied.</b> Consent to Establish was obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy was submitted to the Environmental department before start of construction work at the site.</p> <p><b>Consent to Operate is valid till 31.07.2027.</b></p> <p><b>Copy attached as Annexure-I.</b></p>
Sr. No. 3 (ii)	No land Development/construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	<p><b>Complied.</b> No land Development/construction work preliminary or otherwise relating to the project was taken up without obtaining Environmental Clearance. EC no. <b>EC(POLYGENTA)-2009/CR.135-TC.1 dated on 15<sup>th</sup> February 2010</b> obtained from Environment Dept. of Govt. of Maharashtra.</p>
Sr. No. 3 (iii)	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	<p><b>Complied.</b> No additional land was used or acquired for any activity.</p>
Sr. No. 3 (iv)	Provision shall be made for housing of construction labour with the site 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 form of temporary structure to be removed after completion of the project.	<p><b>Complied</b> during construction stage. Now not applicable as unit was commissioned and in operation as on today.</p>
Sr. No. 3 (v)	For controlling fugitive natural dust, regular sprinkling of water & wind shield at appropriate distance in vulnerable areas of the plant shall be ensured.	<p><b>Complied</b> during project stage. Now not applicable.</p>
Sr. No. 3 (vi)	Regular monitoring of air quality including SPM & SO2 level both in work zone and ambient air shall be carried out in and around the project and record shall be monitored. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submitted accordingly to MPCB.	<p><b>Complied.</b> Monitoring of AAQM done periodically from MoEF approved lab.</p> <p><b>Copy of the Ambient Air monitoring report of August 2025 is attached as Annexure-II.</b></p>

Sr. No. 3 (vii)	The process emission and particulate matter from various units shall confirm to the standards prescribed by the concerned authorities from time to time. At no time the emission level shall go beyond the stipulate standards. In the event of failure of pollution control system (s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>Complied.</b> Emission monitoring was carried out to check the concentration of particulate matter is within limit and found ok. <b>Copy of the Stack monitoring report of September 2025 is attached as Annexure-III</b>
Sr. No. 3 (viii)	Fugitive emission in the work zone environment product and raw materials storage area shall be regularly monitored. The emission shall confirm to the limits imposed by MPCB	<b>Complied.</b> Monitoring of work Zone area regularly basis and are within limit. <b>Copy of the VOC monitoring report of April 2025 is attached as Annexure-IV.</b>
Sr. No. 3 (ix)	During transfer of material spillage shall be avoided and Garland drains be constructed to avoid mixing of accidental spillage with domestic waste & Storm drains.	<b>Complied:</b> Necessary precautions are being followed during material transfer to avoid accidental spillages.
Sr. No. 3 (x)	For control of process emissions, stack of appropriate height as per the CPCB guidelines shall be provided, the scrubber water shall be sent to ETP for further treatment.	<b>Complied.</b> Stacks have been provided to Thermic Fluid Heater (TFH), DG Sets, & Boiler with adequate height. All the stacks are being regularly monitored and operating satisfactory. Industry has provided 41.50 Mtr., 13 Mtr. (Each) & 32 Mtr. respectively.
Sr. No. 3 (xi)	A detail Scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	The project is planning to install rainwater harvesting structure such as recharge pit/collection tank to conserve rainwater & it will be used in processes during rainy season.
Sr. No. 3 (xii)	Periodic monitoring of ground water shall be undertaken, and result analysed to ascertain any changes in the quality of water, Results shall be regularly submitted to Maharashtra pollution control Board.	Not applicable as ground water is not accessible (no borewell provision).
Sr. No. 3 (xiii)	The project proponent shall treat the wastewater up the industry specific standards as notified in EPA or as laid down by the MPCB whichever area stringent.	<b>Complied.</b> Wastewater is treated and used to achieve ZLD. <b>Copy of the ETP outlet for August 2025 is attached as Annexure-V</b>

Sr. No. 3 (xiv)	Leq of Noise level shall be maintained as per standards for people working in the high noise area, requisite personal protective equipment like earplug etc. shall be provided	<b>Complied.</b> Noise levels are monitored, and it was ensured that it is as per standard for people working in high noise area. PPE's like Ear plug, earmuffs are provided & used by employee/workers. Ambient and work zone noise levels were monitored. <b>Copy of the noise monitoring report for August 2025 is attached as Annexure-VI</b>
Sr. No. 3 (xv)	The overall noise level in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosure etc. On all sources of noise generation, the ambient noise level shall confirm to the Standards prescribed under Environmetal ( Protection ) Act, 1986 Rules,1989.	<b>Complied.</b> Necessary noise control measures like acoustic enclosure is provided to DG set to control noise level. All the employees working in site are provided with earmuffs/ear plugs and it's use is ensured. Noise level measurement is carried out regularly as per requirement & the results are found within prescribed limits as per Consent to Operate & MFR, 1963. <b>Copy of noise level monitoring report of August 2025 is attached. Ref. Annexure-VI</b>
Sr. No. 3 (xvi)	Green belt shall be developed & Maintained around the plant periphery; green belt development shall be carried out considering CPCB guiedlines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	<b>Complied.</b> A green belt has been developed at the site i.e the plant premises with 409 nos. of tree as per the CPCB guidelines.
Sr. No. 3 (xvii)	Adequate safety measure shall be provided to limit the risk zone within the plant boundary, in case of an accident, Leak detection devices shall also be installed at strategic places for early detection and warning.	<b>Complied.</b> Adequate safety measures like alarms, trips, interlocks, fire alarm system, work permit system have been implemented and followed to limit the risk zone within plant boundary. Leak detectors are provided in Ammonia storage area for leak detection and alarm in Control room. Dyke wall is provided for storage tanks.
Sr. No. 3 (xviii)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	<b>Complied.</b> Periodical medical examination of all employees is carried out as per the factories Act, 1948 and records are maintained. <b>Last medical examination was done in September 2025.</b>
Sr. No. 3 (xix)	The solid waste shall be properly collected, segregated and disposed as per the provision of solid waste (Management and Handing) Rules, 2000	<b>Complied.</b> The solid waste is properly collected, segregated and disposed as per the provision of solid waste (Management and Handing) Rules, 2000.
Sr. No. 3 (xx)	The company shall make the arangement for protection of possible fire hazards during manufacturing process in material handling.	<b>Complied.</b> Fire extinguishers, Fire balls, Smoke Detectors, Water sprinklers are provided. Emergency drills are conducted periodically.

Sr. No. 3 (xxi)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous waste (Management and Handling) Rules 2003 (amended). Authorization from the MPCB shall be obtained or collection treatment storage disposal of hazardous wastes	<b>Complied.</b> The total hazardous waste generated at our plant is regularly disposed of in MEPL-CHWTSDF at Ranjangaon & MPCB authorized recycler. The annual returns i.e. Form 4 for hazardous waste disposal are also submitted regularly. <b>Copy of Form 4 FY 2024-25 &amp; Membership certificate of CHWTSDF valid till 31.03.2028 is attached as Annexure-VII</b>
Sr. No. 3 (xxii)	The company shall undertake following Waste Minimization Measures 1. Metering of quantities of active ingredients to minimize waste 2. Reuse of by-products from the process as raw materials or as raw material substitutes in other process, 3. Maximizing Recoveries. 4. Use of automated material transfer system to minimize spillage 5. Use of "Closed Feed" system into batch reactors.	<b>Complied.</b> To minimise waste 1. We are metering quantities like TiO <sub>2</sub> , Red Toner and Blue Toner. 2. We are using post consumed PET bottles in form of chips to produce Yarn/ Chips. 3. We are recovering Ethylene Glycol and reuse in the process. 4. Mass Flow Meter is provided for flakes charging feed line.
Sr. No. 3 (xxiii)	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	<b>Complied.</b> Regular mock drills are carried out to check the preparedness of employees. Observations are complied and incorporated in On Site Emergency Plan at the time of review. <b>Last mock drill was conducted on 16.05.2025</b>
Sr. No. 3 (xxiv)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<b>Complied.</b> Environmental Management Cell is formed and meeting conducted on 24.10.2025 to check compliances related to compliance of Consent, found ok.
Sr. No. 3 (xxv)	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the MPCB & this department.	<b>Complied.</b> Separate funds have been allocated for implementation of environment protection measures and not diverted for any other purposes.

Sr. No. 3 (xxvi)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a>	Complied.
Sr. No. 3 (xxvii)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 June & December of each calendar year.	<b>Complied.</b> Last half yearly compliance report for the period October 2024 to March 2025 was submitted to Environment Dept. and MPCB on 30.05.2024.
Sr. No. 3 (xxviii)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal, The clearance letter shall also be put on the website of the Company by the proponent.	<b>Complied.</b> Copy of the EC has been Submitted to local administration. The copy of the EC was uploaded on website.
Sr. No. 3 (xxiv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically, it shall simultaneously be sent to the Regional office of MoEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>2</sub> are monitored and values are displayed at outside main gate of company.	<b>Complied.</b> Status of compliance of EC conditions and monitoring reports for the period October 2024 to March 2025 was uploaded on website & submitted on 30.05.2025.  Criteria pollutants viz. SPM, RSPM, SO <sub>2</sub> , NO <sub>2</sub> are monitored and values are displayed at outside main gate of company.

Sr. No. 3 (xxx)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF the respective Zonal Office of CPCB and the SPCB	<b>Complied.</b> Six monthly reports for the peiod from October 2024 to March 2025 was submitted to MPCB on 30.05.2025.
Sr. No. 3 (xxxi)	The environmental statement for each financial year ennding 31st March in form-V as is mentioned to be submitted by the project proponent to the concerned state pollution control board as prescribed under the environment (protection) rules ,1986, as amended subsequently, shall also be put on the website of company along with the status compliance of Condition and shall be set to the respective Regional Officer of MoEF by e-mail	<b>Complied.</b> Environmental Statement for the financial year 2024-25 was submitted on 11.09.2025. <b>Copy of the Environmental Statement is attached as Annexure-VIII.</b>
Sr. No. 3 (xxii)	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon' ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	Noted.