



File No.: F. N0. 10-77/2012-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 25/04/2025



To,

Mr. Ganesh Sivaramakrishnan
M/s RE SUSTAINABILITY IWM SOLUTIONS LIMITED
ganesh.srk80@gmail.com

Subject: **Development of Integrated Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facilities at Undurmikidakkulam, Thiruchli Taluk, Virudhunagar District, Tamil Nadu by M/s Re Sustainability IWM Solutions Limited – Extension of validity of Environmental Clearance – reg.**

Sir/Madam,

This is in reference to your application submitted to Ministry vide proposal number IA/TN/INFRA2/517685/2025 dated 08/01/2025 for an extension in validity of prior Environmental Clearance (EC) granted to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) Validity Extension Identification No.	EC25A3201TN5894996N
(ii) File No.	F. N0. 10-77/2012-IA.III
(iii) Clearance Type	Application for Validity Extension of EC- Form-6
(iv) Category	A
(v) Schedule No./ Project Activity	7(d) Common hazardous waste treatment, storage and disposal facilities (TSDFs),7(da) Bio-Medical Waste Treatment Facilities
(vi) Sector	INFRA-2
(vii) Name of Project	Development of Integrated Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facilities at Undurmikidakkulam, Thiruchli Taluk, Virudhunagar District, Tamil Nadu
(viii) Location of Project (District, State)	VIRUDHUNAGAR, TAMIL NADU
(ix) Issuing Authority	MoEF&CC
(x) EC date	
(xi) Status of implementation of the project	Project is operational for partial components/units

(xiii) Whether any amendment to the earlier EC has been sought? No

3. The project/activity is covered under the category 'A' of item 7(d) 'Integrated Common Hazardous Waste Treatment Storage and Disposal Facility (ICHWTSDF)' of the Schedule to the EIA Notification, 2006 as amended and required appraisal by the sectoral EAC at the central level.

4. Accordingly, the above-mentioned proposal for Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) in its 137th meeting held on 29.1.2025 and 140th meeting held on 25.03.2025.

5. The details of the project, as per the application form, documents submitted by the project proponent, and also as informed during the aforesaid meeting of EAC, are provided below for reference:

- (i) The proposal is for the Extension of the validity of Environmental Clearance.
- (ii) The project is located at Undurmikidakkulam, Thiruchli Taluk, Virudhunagar District, Tamil Nadu.
- (iii) The project is covered under item of Schedule to the EIA Notification, 2006 in Activity 7 (d) Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facility.
- (iv) The project's total area is 71.36 Acres. The road leading to the project site connecting with Madurai to Virudhunagr road. The project Components are as follows:

Phase	Component	Capacity
Phase I	Secured Landfill	1,50,000 TPA
	Treatment/ Stabilization	90,000 TPA
	Bio Medical Waste	30,000 Beds
	E-Waste	30,000 TPA
Phase II	Spent Solvent Recycling	10,000 KL
	Incineration	20,000 TPA
	Used Oil Recycling	10,000 KL
	Alternate Fuel & Raw Material Facility	10,000 TPA
	Used Lead Acid Batteries	24,000 TPA
	Waste Plastic Recycling	10,000 TPA
	Waste Paper Recycling	10,000 TPA
Phase III	Renewable Energy	2 MW
	Waste to Energy	2 MW

(v) The total water requirement for the project is 433 KLD and sourced from Bore wells. Wastewater generation will be 70.5 KLD and it will be treated with ETP facility within the site and sludge sent to landfill.

(vi) The power requirement 1000 kVA from Tamil Nadu Electricity Board (Tamil Nadu Transmission Corporation)

(vii) The Proposed energy-saving measures with estimated energy saving 2 MW solar power project in the closed landfill after evaluating the recent developments in solar energy on closed landfill on following criteria.

- Solar power system considerations with respect to landfill applications,
- Landfill technical and engineering considerations,
- Regulatory considerations.

(viii) No Proposed rain water harvesting plan but have storm water management

(ix) The project is not in CRZ area,

(x) Project does not falls within 10 km of eco- sensitive area

(xi) No Parking details applicable as per norms

(xii) The project is not located in critically polluted area.

(xiii) Green belts will be developed in and around the plant premises as per CPCB guidelines for developing green belts. Greenbelt was developed in an area of about 25 Acres with 8457 number of plantations last year 51 plants are planted in the industry. Proposed greenbelt development for 2024-2025 is with 500 nos plantation.

(xiv) The total project cost is Rs. 270 Crores.

(xv) Employment Potential is 130 nos.

(xvi) Benefits of the proposed will be Employment generation for localities for better financial status. Social infrastructure will be developed under the CER plan.

6. The committee has noted that earlier, the project proponent has obtained Environmental Clearance from the Ministry vide No. 10-77/2012-IA.III dated 06.02.2014 for the Development of Integrated Common Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities at Undurmikidakkulam, Thiruchli Taluk, Virudhunagar District, Tamil Nadu by M/s Tamil Nadu Waste Management Limited. Thereafter, the validity of said EC dated 06.02.2014 has been extended up to 04.02.2025, vide letter number 21-120/2021-IA-III dated 23.02.2022. Thereafter, the Environmental Clearance was transferred Ministry letter number vide number 21-120/2021-IA.III dated 31.10.2022 from M/s Tamil Nadu Waste Management Limited to M/s Re Sustainability IWM Solutions Limited.

7. During the meeting the PP has informed that due to COVID-19 lockdown, the construction of project was not completed within stipulated time limit and mentioned that one year to complete the Waste Plastic Recycling 10000 TPA and Bio-medical Waste facility for 30,000 Beds. Thus, PP has submitted the application through PARIVESH portal for extension of EC validity. In view of the above, the proposal was considered by the EAC in its 137th meeting held on 29.1.2025. During the deliberation, the committee has observed that the PP could not properly present/explain the proposal and further there is confusion among themselves regarding project. Therefore, the committee has deferred the proposal for the next meeting to present the proposal with chronology of the project and explain with clarity. Accordingly, the ADS were raised through PARIVESH portal. Now, the PP has submitted the chronology of the project. Thus, this proposal was considered by the EAC.

8. Now, the committee has noted that Secured landfill and AFRF facilities are under operation stage. Further, remaining facilities are under construction stage. The PP has submitted for the current status of item wise facilities are given below:

Sr. No.	Description	Current Status
1	Secured landfill	100% completed
2	Treatment/Stabilization	100% completed
3	Bio-medical Waste	25% completed
4	E-waste	25% completed
5	Spent Solvent Recycling	25% completed
6	Incineration	25% completed
7	Used Oil Recycling	25% completed
8	AFRF	100% completed
9	Used Lead Acid Batteries	25% completed
10	Waste Plastic Recycling	25% completed
11	Waste Paper Recycling	25% completed
12	Renewable Energy	25% completed
13	Waste to Energy	25% completed

9. The committee after deliberation has observed that Ministry's notification vide S.O. No. 1807 (E) dated 12.04.2022 has amended the provision of EIA Notification, 2006 wherein the validity of the EC for projects other than River Valley, Nuclear and Mining projects increased ten (10) years and further extendable for another one (1) more year. As per the provision of the Ministry vide Notification 12.04.2022, the particular project has been adequate for another one (1) more year for EC extension up to 04.02.2026.

10. Additionally, the committee has examined .kml file of the proposed project it was observed that the PP has not complied as per the EC conditions i.e. 15 m green belt all along the periphery of the proposed site. Accordingly, the committee has suggested that PP shall strictly comply the 15 m green belt all along the periphery of the proposed site before operation of the remaining facilities or within the validity of EC which ever before. Further, the committee has directed that the local authority should verify the Green Belt area before issuing the occupancy certificate and consent to operate (CTO) of the facilities.

11. Further, the committee noted that the ground water extraction/usage, PP has obtained NOC from village panchayat to

lifting the ground water for industry use. The committee has directed to the PP, strictly follow the guidelines of the Central Ground Water Authority (CGWA)/ State Ground Water Authority (SGWA) for industrial use of groundwater extraction.

12. Based on the information submitted and clarifications provided by the Project Proponent and detailed discussion held on all the issues, recommended the request for extension should be considered as per provisions of EIA Notification, 2006 and its subsequent amendments, which allows for extending validity further for a period of one year from the date on which validity of EC is expiring with additional EC conditions.

13. Based on recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby extends the validity of Environmental Clearance issued vide letter F. No. 10-77/2012-IA.III dated 06.02.2014, 23.02.2022 and 31.10.2022 to Development of Integrated Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facilities at Undurmikidakkulam, Thiruchli Taluk, Virudhunagar District, Tamil Nadu by M/s Re Sustainability IWM Solutions Limited further for a period of one year from the date on which validity of EC (up to 04.02.2026) is expiring under the provisions of EIA Notifications, 2006 as amended with subject to the additional specific conditions are given in **Annexure 1**.

14. This issues with the approval of the Competent Authority.

Copy To

1. Additional Chief Secretary to Government, Department of Environment, Climate Change and Forests, Government of Tamil Nadu, Secretariat, Chennai 600 009.
2. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office, 1st Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600 006.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhawan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

Annexure 1

Specific EC Conditions for (Bio-medical Waste Treatment Facilities)

1. Specific Conditions

S. No	EC Conditions
1.1	PP shall complete the entire plantation as per the plan before the Consent to Establish/CTO certificate is issued. The local authority should verify the development of Green Belt area along the periphery of the project boundary before grant of consent to operate (CTO). No CTO shall be granted by SPCB till the peripheral tree plantation with three layers.
1.2	No ground water shall be extracted till the permission from Central Ground Water Authority (CGWA)/ State Ground Water Authority (SGWA) for industrial use is granted. PP shall strictly follow the guidelines of the Central Ground Water Authority (CGWA)/ State Ground Water Authority (SGWA) for industrial use of groundwater extraction before the operation of the project.
1.3	Certified compliance report of EC conditions shall be obtained by PP within six months of issuance of this letter.
1.4	All other terms and conditions stipulated in the EC letter dated 10-77/2012-IA.III dated 06.02.2014,

S. No	EC Conditions
	23.02.2022 and 31.10.2022 shall remain unchanged.

Additional EC Conditions

N/A

