



## Uttar Pradesh Pollution Control Board

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**157137/UPPCB/KanpurDehat(UPPCBRO)/CTO/both/KANPUR DEHAT/2022**

**Date: 01/10/2022**

To,

M/s

**UTTAR PRADESH WASTE MANAGEMENT PROJECT A DIVISION OF RE SUSTAINABILITY LTD Formerly known as RAMKY ENVIRO ENGINEERS LTD**

**Plot No.672 on NH-2 Sikandra Road,Vill-Kumbhi, Tehsil-Akbarpur, Distt-Kanpur Dehat-209101**

**Application Id-  
16465964**

**Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule-6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 notified under Environment (Protection) Act, 1986 as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).**

CCA is hereby granted to **UTTAR PRADESH WASTE MANAGEMENT PROJECT A DIVISION OF RE SUSTAINABILITY LTD Formerly known as RAMKY ENVIRO ENGINEERS LTD** located at **Plot No.672 on NH-2 Sikandra Road,Vill-Kumbhi, Tehsil-Akbarpur, Distt-Kanpur Dehat-209101.** subject to the provisions of **the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **UTTAR PRADESH WASTE MANAGEMENT PROJECT A DIVISION OF RE SUSTAINABILITY LTD Formerly known as RAMKY ENVIRO ENGINEERS LTD** granted for the period from **20/05/2022 to 31/12/2026** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	AFRF	49	Metric Tonnes/Day
2	Landfill After Treatment	411	Metric Tonnes/Day
3	Secured Landfill	274	Metric Tonnes/Day
4	Incineration	47.3	Metric Tonnes/Day
5	Common Bio Medical Waste Treatment	10	Metric Tonnes/Day

**2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-**

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	2.0 KLD	Septic Tank	Soak Pit

<b>Industrial</b>	<b>ZLD (5.0 KLD Treated through Neutralization/Settling Tank and and evaporate through solar evaporation system)</b>	<b>ETP</b>	<b>ZLD</b>
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(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

### **Industrial Effluent Quality Standard**

<b>S.No.</b>	<b>Parameter</b>	<b>Standard</b>
1	BOD	30 mg/l
2	COD	250 mg/l
3	TSS	100 mg/l
4	Oil and Grease	10 mg/l

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

<b>S No.</b>	<b>Parameters</b>	<b>Standards</b>
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### **3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-**

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

### **Air Pollution Source Details**

<b>S No.</b>	<b>Air Pollution Source</b>	<b>Type of fuel</b>	<b>Stack no</b>	<b>Control Device</b>	<b>Height of Stack</b>
1	Incinerator-02 Ton/hour	HSD	01	Particulate Matter	35 meter high stack with Multi cyclone, Bag Filter, Spray Dryer and Wet Scrubber
2	D.G. Set-380 KVA	HSD	02	Particulate Matter	As per norms with acoustic enclosure.

3	D.G. Set-62.5 KVA	HSD	03	Particulate Matter	As per norms with acoustic enclosure.
4	D.G. Set-62.5 KVA	HSD	04	Particulate Matter	As per norms with acoustic enclosure.

### Emmission Quality Standards

S No.	Stack no	Parameters	Standards
1	01	Quantity of Emission	As per Environment (Protection) Act 1986 as amended.
2	02	Particulate Matter	As per Environment (Protection) Act 1986 as amended.
3	03	Particulate Matter	As per Environment (Protection) Act 1986 as amended.
4	04	Particulate Matter	As per Environment (Protection) Act 1986 as amended.

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

#### 4. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :-

The Factory Manager of M/s UTTAR PRADESH WASTE MANAGEMENT PROJECT A DIVISION OF RE SUSTAINABILITY LTD Formerly known as RAMKY ENVIRO ENGINEERS LTD. is hereby granted an authorization to operate a facility for collection and storage of Hazardous wastes. The authorization is granted to operate a facility for generation, collection and storage of hazardous wastes within factory premises for following category of wastes:-

S.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity(ton/annum)
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<b>1</b>	<b>All type of waste covered under schedules of Hazardous and Other waste (Management and Transboundary Movement) Rules 2016</b>	<b>AFRF</b>	<b>17640</b>
<b>2</b>	<b>All type of waste covered under schedules of Hazardous and Other waste (Management and Transboundary Movement) Rules 2016</b>	<b>Landfill after treatment</b>	<b>147600</b>
<b>3</b>	<b>All type of waste covered under schedules of Hazardous and Other waste (Management and Transboundary Movement) Rules 2016</b>	<b>Direct Landfill</b>	<b>98604</b>
<b>4</b>	<b>All type of waste covered under schedules of Hazardous and Other waste (Management and Transboundary Movement) Rules 2016</b>	<b>Incineration</b>	<b>17028</b>

**The authorization shall be in force and shall be valid upto 31/12/2026.** The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under Environment (Protection) Act, 1986.

**Terms and conditions of Hazardous Waste authorization :-**

- (i) The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- (ii) The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB.
- (iii) The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB.
- (iv) Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- (v) It is the duty of the authorized person to take prior permission of the SPCB to close down the facility.
- (vi) An application for the renewal of an authorization shall be made as laid down under these rules.
- (vii) The unit shall comply with any other conditions specified in the guidelines issued by the MoEF or CPCB/SPCB from time to time.
- (viii) The authorization is valid for temporary storage of Hazardous Waste within premises only.
- (ix) The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on Display Board of size 6x4 feet outside the main factory gate within premises
- (x) It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.
- (xi) The applicant shall maintain record of hazardous waste in Form-3 and shall submit annual return in Form-4 on or before the 30th day of June following to the financial year to which that return relates.
- (xii) In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.
- (xiii) Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed physical and chemical analysis of hazardous waste sample and report to the Board.

(xiv) Dried hazardous sludge from the process in the plant shall be stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.

(xv) The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.

(xvi) The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be sold only to Registered Recyclers/Re-processors.

(xvii) In case of any transportation of hazardous waste, the details in Form-10 of the Hazardous and Other Wastes Rules, 2016 shall be submitted to the Board.

#### **5. Essential documents to be submitted by the Industry/Unit as Applicable:-**

(i) Annual return in Form-4 and Waste Disposal Manifest in Form-10 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Third Party Audit Report.

(ii) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(iii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

6. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

7. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

8. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

9. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

#### **General Conditions:-**

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected

to it shall be stopped with immediate effect.

9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

### **Specific Conditions:-**

1. This CCA is valid for operation of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facilities located at Plot No 672, Kumbhi, Village-Akbarpur, Kanpur Dehat Uttar Pradesh.

2. This CCA is valid for Integrated Common Hazardous Waste Treatment, Storage and Disposal Facilities of capacity Direct Landfill (DLF) -273.9 TPD and Landfill after Stabilization treatment (LAT) -410 TPD, Incineration-47.3 TPD, along with Bio-medical waste management facilities of capacity -10 TPD, AFRF (alternative fuels and raw materials facility) of capacity- 49 TPD.

3. The facility shall ensure the compliance of the conditions of Environmental Clearance issued by MoEF&CC, Govt. of India vide letter No F.No. 10-49/2017-IA-III dated 09 March, 2020 and CTE issued by UPPCB vide letter dated 27.06.2020.

4. ICHWTSDF shall construct the pucca boundary wall around the premises and adequate dense plantation along the boundary wall shall be done.

5. ICHWTSDF shall provide separate storm water drainage system for discharge of rain water.

6. Incinerator Ash shall be disposed in secured landfill site at Plot No. 672, On NH-2, Sikandra Road, Vill Kumbhi, Tehsil-Akbarpur, Kanpur Dehat.

7. ICHWTSDF shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- [www.uppcb.com](http://www.uppcb.com).

8. ICHWTSDF shall deposit the amount in Escrow Account as per the MoEF&CC guidelines and submit details to the Board.

9. ICHWTSDF shall establish Miyawaki forest as per the GO no. 1011/81-7-2021-09(rit)/2016 dated 13.10.2021 of Deptt. of Environment, Forest and Climate Change and shall submit time bound proposal for proposed plantation.

10. ICHWTSDF shall ensure monitoring of Ground Water on monthly basis from MoEF&CC recognized laboratory/NABL accredited Laboratory and submit the report to UPPCB.

11. ICHWTSDF shall ensure the treatment of Industrial effluent through Neutralization/Settling Tank and treated effluent shall be recycled in process and rest treated effluent shall be disposed in Solar Evaporation Tank. No industrial effluent shall be discharged directly or indirectly outside the premises.

12. ICHWTSDF shall comply with the provisions of Hazardous and Other waste (Management & Trans boundary Movement) Rules 2016 and shall submit annual return in prescribed format.

13. ICHWTSDF shall improve leachate collection, management and treatment system. ICHWTSDF shall also maintain logbook of leachate generation, treatment and reuse of treated leachate in spray dryer.

14. ICHWTSDF shall ensure that all vehicle used for hazardous waste/Bio Medical waste transportation should be equipped with spark arrestor.

15. Incinerator Ash shall be disposed in secured landfill site at Plot No. 672, On NH-2, Sikandra Road, Vill Kumbhi, Tehsil-Akbarpur, Kanpur Dehat.

16. The TSDF shall ensure monitoring of Stack Emission/Ambient Air as per monitoring protocol and submit the report on quarterly basis.
17. The facility shall operate and maintain installed Online Air quality Monitoring System effectively and transmit data to CPCB and UPPCB server. TSDF shall also calibrate installed OCEMS facility from recognized agency on six monthly basis
18. In case, any amendment in Emission standards of common Incinerator are issued by MoEF&CC, the facility shall comply with the amended standards.
19. ICHWTSDF shall not use Furnace Oil as fuel in compliance of the orders passed by the Hon'ble Supreme Court in the Writ petition (Civil) no. 13029/1985 MC Mehta versus Union of India and others.
20. ICHWTSDF shall ensure washing of vehicles after disposing the hazardous waste/ Bio Medical waste.
21. ICHWTSDF shall comply with the provisions of Hazardous and Other Waste (Management and Trans-boundary Movement) Rules 2016, Biomedical Waste (Management and Handling) Rules, 2016, Solid Waste Management Rules 2016, Plastic Waste Management Rules 2016.
22. ICHWTSDF shall operate and maintain the air pollution control devices to meet the new emission norms for incinerator, including dioxins and furans.
23. ICHWTSDF shall comply with the emission Standard for treatment and disposal of Bio-medical waste by incineration as per Schedule-II of BMW Rules 2016.
24. The Noise level and emission from the D.G. sets of capacity 62.5 KVA-02 Nos and 380 KVA shall be within the prescribed limit.
25. Incinerator shall be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
26. ICHWTSDF shall ensure sufficient stock of safety gadgets within the premises of the facility and also maintain proper stock and distribution register.
27. The facility shall provide the list of members attached to Bio medical waste treatment facility and details of Bio medical waste received and disposed shall be submitted quarterly and record shall be properly maintained.
28. The contaminated drums shall be de-contaminated by the facility, and after compaction shall be disposed in Landfill.
29. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
30. In case of occurrence of an accident, complete details on form must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.
31. ICHWTSDF shall submit the onsite emergency plan approved by the competent authority.
32. ICHWTSDF shall obtain permission from UPGWA for withdrawal of ground water and submit to the Board.
33. ICHWTSDF shall abide by directions given by Hon'ble Courts, Hon'ble NGT, MoEF&CC, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
34. In case of closure directions under section-5 of E(P) Act, 1986 issued by CPCB, this consent will be automatically suspended during the closure period, and will be automatically reinstated with specific conditions as per CPCB revocation orders.
35. Industry shall comply with the relevant provisions of Environmental Laws.

**Chief Environmental Officer (circle-2)**

Copy to:

Regional Officer, UPPCB, Kanpur Dehat with direction to send the compliance report of CCA conditions on quarterly basis.

**Chief Environmental Officer (circle-2)**