

Ref.: RESHSL/MDU/23-24/05/08

Date: 3151 May 2023

To,
The Member Secretary,
Tamilnadu Pollution Control Board,
No.76, Mount Salai,
Guindy, Chennai – 600 032.

Sub.: Submission of Revised Annual Report Form – IV for Bio Medical Waste - Reg.

Respected Sir,

With reference to the above subject, we have submitted the Revised Annual Report Form IV for Bio Medical Waste collection, treatment & disposal for the period from January 2022 to December 2022.

This is for your kind information.

Thanking you,

Your's Faithfully,

For Re Sustainability Healthcare Solutions Ltd.,

Authorised Sigl

Encl.: Form IV - Annual Report

CC to: 1) The Joint Chief Environmental Engineer, TNPCB, Tirunelveli

2) The District Environmental Engineer, TNPCB, Virudhunagar

Re Sustainability HealthCare Solutions Limited. (formerly known as Ramky Energy and Environment Limited)
Site Address:
Sf. No: 136,137, Undurumikidakulam, A.Mukkulam Po,
Thiruchuli Taluk, Virudhunagar - 630 611.
Office: No-28/1, Vaigai Main Street, Velmurugan Nagar,
Bye-Pass road, Madural - 625010.
Tamilnadu, India.
CIN No. U40105TG2006PLC049237

Registered Office:
Re Sustainability Limited.
(Formerly known as Ramky Enviro Engineers Limited)
Level 11B, Aurobindo Galaxy, Hyderabad
Knowledge City, Hi-tech City Road,
Hyderabad-500 081. India.

T: 0452-3500866 E: reaelmdu@resustainability.com resustainability.com



## Form - IV (See rule 13) ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

	SI. Particulars	T	
	No. Particulars of the Occupier	+	
'	(i) Name of the authorized person (occupier or	- -	M. G.
	operator of facility)	;	Mr.Satyanarayana Adamala
	(ii) Name of HCF or CBMWTF	+	Re Sustainability Healthcare Solutions Ltd.,
	(iii) Address for Correspondence	:	2B/1, Vaigai Main Street, VelmuruganNagar, Bye PassRoad,Madurai – 625016. Tamilnadu
	(iv) Address of Facility		Survey No: 136 &137, Undurumikidakulam,A.Mukkulam- (P.O),Thiruchuli Taluk,Virudhunagar – 630611. Tamil Nadu
1	(v)Tel. No, Fax. No	:	
	(vi) E-mail ID	:	reaelmdu@resustainability.com
	(vii) URL of Website		www.medicareenviro.com
	(viii) GPS coordinates of HCF or CBMWTF		9.681626-N 78.211652-E
	(ix) Ownership of HCF or CBMWTF	:	Private Sector
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No:19BAZ18255751 Valid up to : 31/03/2023
	(xi). Status of Consents under Water Act and Air Act	:	CTO Order No:1908121059083 Valid up to:31/03/2023
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	NA
- 1	(ii) Non-bedded hospital  (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital orany		NA
H	other) (iii) License number and its date of expiry		NA
-	Details of CBMWTF	:	
-	(i) Number healthcare facilities covered		2837
and the second	ii) No of beds covered by CBMWTF	•	15656 (Private Hospital) 8554 (Government Hospital) Total:24210 Beds
	ii) Installed treatment and disposal capacity of BMWTF:	•	4000 Kgs per day



(iv) Quantity of biomedical waste tre by CBMWTF	ated or	disposed :			3834	Kg/day
Quantity of waste generated or disposannum (on monthly average basis)	sed in I	Kg per :		Yellow Cat Red Catego	ory:23368	: 74722
				White: 31		
- 1				Blue Categ		
				General So		
5 Details of the Storage, treatment, trans			g ar	d Disposal	Facility	
(i) Details of the on-site storage	:	Size :				
facility		Capacity:				
		Provision of provision)	of o	n-site Stora	ge: (cold	storage or any other
(ii) Details of the	-					
treatment or disposal facilities		Type of Treatme equipme	nt	No. of units	Capaci ty Kg/day	Quantity treated or disposed in kg per annum
		Incinerato	rs	1	4000	896665
		Autoclaves	s	1	1250 L	498974
		Shredder		2	100 Kg	Glass - 218555
		Silicadei			75 Kg	Plastic -280419
		Sharps encapsulat n or Concrete P		2	4	Sharps - 3831
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.		280419				
(iv) No of vehicles used for collection and transportation of biomedical waste	:	11 Nos				en suda agranga sa Pe Persangan
(v) Details of incineration ash and ETP sludge generated and disposed				Quantity generate		Where disposed

	during the treatment of wastes in Kg per annum		Incineration Ash :17940 Kgs ETP Sludge:4800 Kgs Sent to TSDF-Virudhunagar
	(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	;	Re Sustainability Healthcare Solutions Ltd., (CBMWTF)
	(vii) List of member HCF not handed over bio-medical waste.		Nil
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Nil
7	Details trainings conducted on BMW		V 6
	(i) Number of trainings conducted on BMW Management.		No of trainings: 12
	(ii) number of personnel trained		112
	(iii) number of personnel trained at		15
	the time of induction  (iv) number of personnel not		Nil
	(iv) number of personnel not undergone any training so far		
	(v) whether standard manual for		Yes
1	Training is available?		
	(vi) any other information)		
8	Details of the accident occurred during the year		ζ
	(i) Number of Accidents occurred		Nil
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please		Nil
	attach details if any)		
	(iv) Any Fatality occurred, details.		Nil
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met		Yes. Incinerator stack emissions results met the standards.
	the standards?  Details of Continuous online emission	-	Yes
	monitoring systems installed		
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards ina year?		Effluent water treatment system being followed and ETP outlet results met the standards.
11	Is the disinfection method or sterilization meeting the log		Autoclave sterilization meeting the standards

:	(Air Pollution Control Devices attached with the Incinerator)
	:

(Note: NA-Not Applicable)

Certified that the above report is for the period from January 2022 to December 2022

Name and Signature

V. Govindan Plant Manager

Date:31/05/2023 Place: Madurai

	T	T	Γ-					
		Total BMW collected in Kgs	2040.000	410.650	640.000	430.350	313.000	3834,000
	CTWISE BREAK-UP)	BMW collected in Kgs/Day (Non Bedded)	405.000	90.500	128.000	138.000	55.280	816.780
RESUSTAINABILITY HEALTHCARE SOLUTIONS LTD - VIRUDHUNAGAR	BMW Collected on daily average basis from January - 2022 to December - 2022 (DISTRICTWISE BREAK-UP)	BMW collected in Kgs/Day (Bedded)	1635.000	320.150	512.000	292.350	257.720	3017.220
OLUTIONS LTD	2022 to Decem	Total No Of Beds	12027	2698	4809	3044	1632	24210
EALTHCARE SO	om January -	Total Hospitals	1104	544	<del>1</del> 99	401	124	2837
INABILITY H	rage basis fr	No Of clinics	595	323	411	240	09	1599
RESUSTA	lected on daily ave	No of Bedded Hospitals (Govt & Pvt)	539	221	253	161	64	1238
	BMW Col	Districts	Madurai	Virudhunagar	Dindigul	Thení	Ramanathapuram	Total
		SI.No	1	2	3	4	5	4



Multic (Kgs)         Autoclave Waste Details for the Year - 2022           Yellow         Red (Kgs)         White (Kgs)         Blue (Kgs)         Total (Kgs)         Ash (Kgs)           3         4         5         6         7         8           77180         21910         300         17240         116630         1544           69670         22272         298         18110         110350         1393           77840         22946         314         18740         119840         1504           75210         21407         293         17490         114400         1504           75550         22971         314         19575         118410         1511           72750         23755         325         18000         114830         1455           72865         23055         315         17426         11930         1564           72990         24209         331         17690         11430         1467           72710         24515         335         18720         116280         1449           74755         25555         350         18880         119540         17940				RESUSTAINABI	ABILITY HEALT	HCABECOL	GE SINOITI					
Monthwise Waste Manthwise Waste Months         Autoclave Waste Details for the Year - 2022           Months         Regular Bio Vellow)         Yellow Vaste (Kgs) - 1+2         Autoclave Waste (Kgs) - 1+2         Red (Kgs) - 1+2         Red (Kgs) - 1+2         Blue (Kgs) - 1+2         Autoclave Waste (Kgs) - 1+2         Autoclave (Kgs)						IICANE SOL	OI IONS LID.	- VIKUDHUN	AGAK			•
Months         Covid Waste (Yellow)         Regular Bio (Yellow)         Yellow (Kgs) -1+2         Red (Kgs)         White (Kgs)         Blue (Kgs)         Total (Kgs)         Ash (Kgs)					Monthwise W	aste Details	for the Year	- 2022				
Months         Regular Bio Veillow)         Yellow Vaste (Kgs) - 1+2         Red (Kgs)         White (Kgs)         Blue (Kgs)         Total (Kgs)         Ash (Kgs)           January         1         2         3         4         5         6         7         8           February         5840         71340         77180         21210         300         17240         116630         1544           February         9553         60117         69670         22272         298         18110         110350         1393           March         654         77186         77840         22272         298         18110         110850         1393           April         218         77186         77840         22272         298         18110         110850         1393           April         654         77186         77540         75510         2297         2297         114400         1564           June         784         77260         7250         2297         1344         1450         1456           July         0         78200         7220         2297         1324         1450         1457           September         0         72990			ı	cinerable Wast	6)	Ā	utoclave Wast	9	Total Waste			Ach & Chidas
1	S.No		Covid Waste (Yellow)	Regular Bio Waste (Yellow)	Yellow (Kgs) - 1+2	Red (Kgs)	White (Kgs)	Blue (Kgs)	Total (Kgs) - 3+4+5+6	Ash (Kgs)	Sludge (Kgs)	Total (8+9)
February         5840         71340         77180         21910         300         17240         116630         1544           February         9553         60117         69670         22272         298         18110         110350         1393           March         654         77186         77840         22272         298         18110         110350         1393           Jarch         654         77186         77840         22946         314         18740         11930         1504           Jarch         7492         75210         21407         293         17490         114400         1504         1504           July         72400         72550         22971         314         19575         118410         1511         31           July         0         78200         78200         78200         23953         325         17510         119930         1457         14           September         0         72990         72990         72090         24209         331         17690         1450         1450         1450         1450         1450         1450         1450         1450         1450         1450         1450			1	2	3	4	15	9	7	80	6	10
February         9553         60117         69670         22272         298         18110         110350         1393           Amarch         654         77186         77840         22946         314         18740         119340         1557           April         218         74952         75210         21407         293         17490         114400         1504           June         72400         72500         22971         314         19575         118410         1511         31           July         7         144         71966         72750         23755         325         18000         114830         1415         151           July         0         78865         78865         23055         315         17426         11520         1467         31           July         0         72890         72990         72990         24209         331         17690         11467         1467         1467           October         0         72710         72710         24515         335         18880         119540         1494         34           Indicate         0         74755         74755         25555         350	-	January	5840	71340	77180	21910	300	17240	116630	1544	386	1930
April         654         77186         77840         22946         314         18740         119840         1557           4 April         218         74992         75210         21407         293         17490         119840         1557           5 June         7840         72400         75550         22971         314         19575         118410         1504           7 July         0         78200         78200         23755         325         18000         114830         1455           8 August         0         78200         78200         23893         327         17510         119930         1564           9 September         0         78865         78865         23055         315         17425         119660         1577           10 October         0         72990         72990         72990         72990         72990         14190         1419           10 October         0         72710         72710         24515         335         18720         116280         1419           10 October         0         74755         74755         25555         350         18880         119540         17940           10 Oct	7	February	9553	60117	02969	22272	298	18110	110350	1393	348	1742
April         218         74992         75210         21407         293         17490         114400         1504           May         3150         72400         75550         22971         314         19575         118410         1511           June         784         71966         72750         23755         325         18000         114830         1455           July         0         78200         78200         78865         23055         315         17425         119930         1564           September         0         78865         78865         23055         315         17425         119930         1577           October         0         70945         70945         72900         24209         331         17690         11520         1419           I         November         0         72710         72710         24515         335         18720         1419         1494           I         December         0         74755         74755         25555         350         18880         119540         1494           I         Total         876466         896665         280419         3831         218555         1399470	9	March	654	77186	77840	22946	314	18740	119840	1557	420	1977
May         3150         72400         75550         22971         314         19575         118410         1511           June         784         71966         72750         23755         325         18000         114830         1455           July         0         78200         78200         23893         327         17510         119930         1564           August         0         78865         78865         23055         315         17425         119930         1564           October         0         72990         72990         24209         331         17690         115220         1467           October         0         70945         70945         23932         328         19175         114380         1419           I November         0         72710         72710         24515         335         18720         116280         1494           December         0         74755         25555         350         18880         119540         17940           Total         20199         876466         896665         280419         3831         218555         1399470         17940	4	April	218	74992	75210	21407	293	17490	114400	1504	376	1880
June         784         71966         72750         23755         325         18000         114830         1455           July         0         78200         78200         23893         327         17510         119930         1564           August         0         78865         78865         23055         315         17425         119660         1577           September         0         72990         72990         72990         24209         331         17690         11520         1467           November         0         72710         72710         24515         335         18720         116380         1439           December         0         74755         74755         25555         350         18880         119540         1494           Total         2019         876466         896665         280419         3831         21855         1399470         17940	2	May	3150	72400	75550	22971	314	19575	118410	1511	378	1889
July         0         78200         78200         23893         327         17510         119930         1564           August         0         78865         78865         23055         315         17425         119660         1577           September         0         72990         72990         24209         331         17690         115220         1467           October         0         70945         70945         70945         23932         328         19175         114380         1419           November         0         72710         72710         24515         335         18720         116280         1454           December         0         74755         74755         25555         350         18880         119540         1494           Total         2019         876466         896665         280419         3831         21855         1399470         17940	9	June	784	71966	72750	23755	325	18000	114830	1455	364	1819
August         0         78865         78865         23055         315         17425         119660         1577           September         0         72990         72990         24209         331         17690         115220         1467           October         0         70945         70945         23932         328         19175         114380         1419           November         0         72710         72710         72710         24515         335         18720         116280         1455           December         0         74755         74755         25555         350         18880         119540         1494           Total         20199         876466         896665         280419         3831         218555         1399470         17940	7	July	0	78200	78200	23893	327	17510	119930	1564	469	2033
September         0         72990         72990         24209         331         17690         115220         1467           October         0         70945         70945         23932         328         19175         114380         1419           November         0         72710         72710         24515         335         18720         116280         1455           December         0         74755         74755         25555         350         18880         119540         1494           Total         20199         876466         896665         280419         3831         218555         1399470         17940	80	August	0	78865	78865	23055	315	17425	119660	1577	473	2050
October         0         70945         70945         23932         328         19175         114380         1419           November         0         72710         72710         24515         335         18720         116280         1455           December         0         74755         74755         25555         350         18880         119540         1494           Total         20199         876466         896665         280419         3831         218555         1399470         17940	6	September	0	72990	72990	24209	331	17690	115220	1467	365	1832
November         0         72710         72710         24515         335         18720         116280         1455           December         0         74755         74755         25555         350         18880         119540         1494           Total         20199         876466         896665         280419         3831         218555         1399470         17940	10		0	70945	70945	23932	328	19175	114380	1419	426	1845
December         0         74755         74755         25555         350         18880         119540         1494           Total         20199         876466         896665         280419         3831         218555         1399470         17940	11		0	72710	72710	24515	335	18720	116280	1455	421	1876
Total 20199 876466 896665 280419 3831 218555 1399470 17940	12		0	74755	74755	25555	350	18880	119540	1494	374	1868
		7	20199	876466	896665	280419	3831	218555	1399470	17940	4800	22740



