

GHG Emissions Report - All Sites

Standards – GHG Protocol & ISO 14064



Organization: ESGCare 2.0
 Website: <https://www.growlity.com/>
 Org Address: ghbjnkmzsxdfcgvhbjnmk, hawaii, Hawaii, United States, 481252
 Sector: manufacturing
 Site: All Sites
 Reporting Year: Financial Year
 Reporting Period: Apr 2025 – Mar 2026
 Report Generated: Feb 18, 2026, 2:17 PM (Asia/Calcutta)

Scope Emission

Total GHG Emissions	Scope 1	Scope 2	Scope 3
87725.262736 TCO2Eq	GHG Emissions 35533.102619 TCO2Eq	GHG Emissions 6352.177702 TCO2Eq	GHG Emissions 45839.982415 TCO2Eq

Scope 1

Stationary Combustion

Total GHG Emissions: 29746.194006 TCO2Eq

Date	Entry Period	Site Name	Type	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	Liquid fuels - Waste oils	tonnes	1000	Defra v 1.0	3219.379158	3219.379158	-
23 - April - 2025	April - 2025	Growlity Inc.	Solid fuels - Coal (domestic)	tonnes	1000	Defra v 1.0	2904.952336	2904.952336	-
23 - April - 2025	April - 2025	Growlity Inc.	Solid fuels - Coal (industrial)	tonnes	1000	Defra v 1.0	2399.43994	2399.43994	-
23 - April - 2025	April - 2025	Growlity Inc.	Liquid fuels - Diesel (average biofuel blend)	litres	1000	Defra v 1.0	2.512064	2.512064	-
12 - May - 2025	May - 2025	Growlity Pvt. Ltd.	Liquid fuels - Diesel (average biofuel blend)	litres	697030	Defra v 1.0	2.512064	1750.983889	-
7 - June - 2025	June - 2025	Growlity Inc.	Biomass - Wood pellets	tonnes	1000	Defra v 1.0	54.33654	54.33654	-
9 - July - 2025	July - 2025	Growlity Pvt. Ltd.	Solid fuels - Coal (industrial)	tonnes	222.349	Defra v 1.0	2399.43994	533.513071	-
21 - August - 2025	August - 2025	Growlity Pvt. Ltd.	Gaseous fuels - Natural gas	cubic metres	9429	Defra v 1.0	2.04542	19.286265	-
23 - August - 2025	August - 2025	Growlity Inc.	Gaseous fuels - Butane	litres	115	Defra v 1.0	1.74533	0.200713	-
26 - August - 2025	August - 2025	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	112790	Defra v 1.0	2.04542	230.702922	-
26 - August - 2025	August - 2025	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	168646	Defra v 1.0	2.04542	344.951901	-
9 - September - 2025	September - 2025	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	1000	Defra v 1.0	2.04542	2.04542	-
25 - September - 2025	September - 2025	Growlity Inc.	Solid fuels - Coal (industrial)	tonnes	145	Defra v 1.0	2399.43994	347.918791	Boiler
13 - October - 2025	October - 2025	Growlity Inc.	Gaseous fuels - CNG	kWh (Net CV)	23	Defra v 1.0	0.202671	0.004661	-
4 - November - 2025	November - 2025	Growlity Inc.	Gaseous fuels - Natural gas	tonnes	1000	Defra v 1.0	2568.16441	2568.16441	-
4 - November - 2025	November - 2025	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	1000	Defra v 1.0	2.04542	2.04542	-
7 - November - 2025	November - 2025	Growlity Inc.	Gaseous fuels - CNG	litres	42	Defra v 1.0	0.448447	0.018835	Boiler
19 - December - 2025	December - 2025	Growlity Inc.	Liquid fuels - Diesel (average biofuel blend)	litres	1500	Defra v 1.0	2.512064	3.768096	Diesel Gen.
19 - December - 2025	December - 2025	Growlity Inc.	Solid fuels - Coal (industrial)	tonnes	15	Defra v 1.0	2399.43994	35.991599	Boiler
30 - December - 2025	December - 2025	Growlity Inc.	Liquid fuels - Diesel (average biofuel blend)	litres	25	Defra v 1.0	2.512064	0.062802	DG Generator
22 - January - 2026	January - 2026	Growlity Inc.	Solid fuels - Coal (industrial)	tonnes	6041.9	Defra v 1.0	2395.28994	14472.102288	-
22 - January - 2026	January - 2026	Growlity Inc.	Liquid fuels - Diesel (average biofuel blend)	litres	48185.3	Defra v 1.0	2.57082	123.875733	-
22 - January - 2026	January - 2026	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	223662.36	Defra v 1.0	2.06672	462.247473	-
22 - January - 2026	January - 2026	Growlity Inc.	Gaseous fuels - Natural gas	cubic metres	115139	Defra v 1.0	2.06672	237.960074	-
9 - February - 2026	February - 2026	Growlity Inc.	Liquid fuels - Diesel (average biofuel blend)	litres	454	Defra v 1.0	2.57082	1.167152	-
13 - February - 2026	February - 2026	Growlity Inc.	Gaseous fuels - CNG	tonnes	10	Defra v 1.0	2575.46441	25.754644	-
13 - February - 2026	February - 2026	Growlity Inc.	Liquid fuels - Petrol (100% mineral petrol)	litres	1200	Defra v 1.0	2.33984	2.807808	-

Date	Entry Period	Site Name	Type	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	Diesel - Medium car	km	1000	Defra v 1.0	0.167156	0.167156	-
23 - April - 2025	April - 2025	Growlity Inc.	Diesel - Medium car	km	1000	Defra v 1.0	0.167156	0.167156	-

25 - September - 2025	September - 2025	Growlity Inc.	CNG - Average car	km	1452	Defra v 1.0	0.175044	0.254164	Business Purpose
16 - October - 2025	October - 2025	Growlity Inc.	Petrol - Average car	km	1424	Defra v 1.0	0.16323	0.23244	Business p.
27 - November - 2025	November - 2025	Growlity Inc.	CNG - Vans - Average (up to 3.5 tonnes)	km	52	Defra v 1.0	0.2512	0.013062	-
27 - November - 2025	November - 2025	Growlity Inc.	CNG - Vans - Average (up to 3.5 tonnes)	km	541	Defra v 1.0	0.2512	0.135899	only for CNG
19 - December - 2025	December - 2025	Growlity Inc.	Diesel - Medium car	km	1500	Defra v 1.0	0.167156	0.250735	-
30 - December - 2025	December - 2025	Growlity Inc.	Diesel - Vans - Class II (1.305 to 1.74 tonnes)	km	215	Defra v 1.0	0.18832	0.040489	-
9 - February - 2026	February - 2026	Growlity Inc.	Diesel - Average car	km	247	Defra v 1.0	0.17304	0.042741	-
13 - February - 2026	February - 2026	Growlity Inc	Petrol - Medium car	km	1000	Defra v 1.0	0.17474	0.17474	-
13 - February - 2026	February - 2026	Growlity Inc	Petrol - Vans - Average (up to 3.5 tonnes)	miles	1200	Defra v 1.0	0.34336	0.412032	-

Fugitive Emissions										Total GHG Emissions: 5785.018 TCO2Eq
Date	Entry Period	Site Name	Type of Refrigerant	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks	
23 - April - 2025	April - 2025	Growlity Inc.	Refrigerants - HFC-134a	kg	1000	Defra v 1.0	1300	1300	-	
25 - September - 2025	September - 2025	Growlity Inc.	Refrigerants - HFC-32	kg	5	Defra v 1.0	677	3.385	-	
16 - October - 2025	October - 2025	Growlity Inc.	Refrigerants - HFC-32	kg	5	Defra v 1.0	677	3.385	-	
30 - December - 2025	December - 2025	Growlity Inc.	Refrigerants - HFC-32	kg	21	Defra v 1.0	677	14.217	-	
9 - February - 2026	February - 2026	Growlity Inc.	Refrigerants - HFC-32	kg	3	Defra v 1.0	677	2.031	-	
13 - February - 2026	February - 2026	Growlity Inc	Refrigerants - HFC-41	kg	2000	Defra v 1.0	116	232	-	
13 - February - 2026	February - 2026	Growlity Inc	Refrigerants - HFE-43-10pccc124 (H-Galden1040x)	kg	1500	Defra v 1.0	2820	4230	-	

Scope 2

Purchased Electricity

Total GHG Emissions: 6351.960378 TCO2Eq

Date	Entry Period	Site Name	Name of Country	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	Country - India	kWh	1000	CaDI 2025	0.727	0.727	-
23 - April - 2025	April - 2025	Growlity Inc.	Country - India	kWh	1000	CaDI 2025	0.727	0.727	-
17 - February - 2026	April - 2025	Growlity Hong Kong	Country - China	kWh	137	ecoinvent version 3.12	0.85	0.11645	-
9 - May - 2025	May - 2025	Growlity Inc.	Country - India	kWh	1000	CaDI 2025	0.727	0.727	-
27 - May - 2025	May - 2025	Growlity Inc.	Country - India	kWh	10000	CaDI 2025	0.727	7.27	-
29 - May - 2025	May - 2025	Growlity Inc.	Country - India	kWh	245360.12	CaDI 2025	0.727	178.376807	-
17 - February - 2026	May - 2025	Growlity Hong Kong	Country - China	kWh	178	ecoinvent version 3.12	0.85	0.1513	-
17 - February - 2026	June - 2025	Growlity Hong Kong	Country - China	kWh	257	ecoinvent version 3.12	0.85	0.21845	-
17 - February - 2026	July - 2025	Growlity Hong Kong	Country - China	kWh	306	ecoinvent version 3.12	0.85	0.2601	-
4 - August - 2025	August - 2025	Growlity Pvt. Ltd.	Country - Bangladesh	kWh	7677	CaDI 2025	0.41	3.14757	-
17 - February - 2026	August - 2025	Growlity Hong Kong	Country - China	kWh	336	ecoinvent version 3.12	0.85	0.2856	-
13 - September - 2025	September - 2025	Growlity Inc.	Country - India	kWh	117437	CaDI 2025	0.727	85.376699	-
25 - September - 2025	September - 2025	Growlity Inc.	Country - India	kWh	150	CaDI 2025	0.727	0.10905	-
25 - September - 2025	September - 2025	Growlity Inc.	Country - India	kWh	7854000	CaDI 2025	0.727	5709.858	-
17 - February - 2026	September - 2025	Growlity Hong Kong	Country - China	kWh	321	ecoinvent version 3.12	0.85	0.27285	-
16 - October - 2025	October - 2025	Growlity Inc.	Country - China	kWh	4821	CaDI 2025	0.49	2.36229	-
17 - February - 2026	October - 2025	Growlity Hong Kong	Country - China	kWh	294	ecoinvent version 3.12	0.85	0.2499	-
17 - February - 2026	October - 2025	Growlity Inc.	Country - China	kWh	294	CaDI 2025	0.66307	0.194943	-
17 - February - 2026	October - 2025	Growlity Inc.	Country - China	kWh	294	ecoinvent version 3.12	0.85	0.2499	-
10 - December - 2025	December - 2025	Growlity Inc.	Country - United States of America	kWh	1396825	CaDI 2025	0.246	343.61895	APG
30 - December - 2025	December - 2025	Growlity Inc.	Country - India	kWh	2457	CaDI 2025	0.727	1.786239	-
9 - February - 2026	February - 2026	Growlity Inc.	Country - India	kWh	3248	CEA FY2025-26	0.71	2.30608	-
13 - February - 2026	February - 2026	Growlity Inc	Country - India	kWh	3000	ecoinvent version 3.12	1.35	4.05	-
13 - February - 2026	February - 2026	Growlity Inc	Country - India	kWh	10000	CaDI 2025	0.95182	9.5182	-

Purchased Heat and Steam

Total GHG Emissions: 0.217324 TCO2Eq

Date	Entry Period	Site Name	Heat Source	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
16 - October - 2025	October - 2025	Growlity Inc.	District Cooling - China	Ton of Refrigeration	4	Defra v 1.0	0.437	0.001748	-
13 - February - 2026	February - 2026	Growlity Inc	Heat and Steam - District	kWh	1200	Defra v 1.0	0.179647	0.215576	-

Renewable Electricity Generation – Avoided Emission

Total GHG Emissions: 0 TCO2Eq

Date	Entry Period	Site Name	Name of Country	Unit of Measurement	Generation	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
9 - February - 2026	February - 2026	Growlity Inc.	Country - India	kWh	3214	Defra v 1.0	0	0	Solar
13 - February - 2026	February - 2026	Growlity Inc	Country - India	kWh	1100	Defra v 1.0	0	0	-

Scope 3

Employee Commute

Total GHG Emissions: 3.713639 TCO2Eq

Date	Entry Period	Site Name	Commute Type	Fuel Type	Vehicle Type	Unit of Measurement	Consumption	Number of Passengers	Km Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	Motorbike	-	Medium	km	1000	-	-	Defra v 1.0	0.1009	0.1009	-
23 - April - 2025	April - 2025	Growlity Inc.	Bus	-	Average local bus	passenger.km	-	1	1000	Defra v 1.0	0.0965	0.0965	-
8 - May - 2025	May - 2025	Growlity Inc.	Cars (by size)	Diesel	Average car	km	1000	-	-	Defra v 1.0	0.170824	0.170824	-
8 - May - 2025	May - 2025	Growlity Inc.	Cars (by size)	Petrol	Average car	km	1000	-	-	Defra v 1.0	0.1698	0.1698	-
8 - May - 2025	May - 2025	Growlity Inc.	Motorbike	-	Average	km	1000	-	-	Defra v 1.0	0.11355	0.11355	-
8 - May - 2025	May - 2025	Growlity Inc.	Bus	-	Average local bus	passenger.km	-	1	1000	Defra v 1.0	0.0965	0.0965	-
25 - September - 2025	September - 2025	Growlity Inc.	Motorbike	-	Average	km	10262	-	-	Defra v 1.0	0.11355	1.16525	10 Emp.
6 - October - 2025	October - 2025	Growlity Inc.	Motorbike	-	Medium	km	4583	-	-	Defra v 1.0	0.1009	0.462425	-
16 - October - 2025	October - 2025	Growlity Inc.	Rail	-	National rail	passenger.km	-	2	145	Defra v 1.0	0.03549	0.010292	-
4 - November - 2025	November - 2025	Growlity Inc.	Motorbike	-	Medium	km	222	-	-	Defra v 1.0	0.1009	0.0224	222
4 - November - 2025	November - 2025	Growlity Inc.	Motorbike	-	Average	km	5000	-	-	Defra v 1.0	0.11355	0.56775	10 Emp.
30 - December - 2025	December - 2025	Growlity Inc.	Motorbike	-	Average	km	245	-	-	Defra v 1.0	0.11355	0.02782	12
9 - February - 2026	February - 2026	Growlity Inc.	Bus	-	Average local bus	passenger.km	-	1	449	Defra v 1.0	0.0965	0.043328	10 Emp
13 - February - 2026	February - 2026	Growlity Inc	Motorbike	-	Medium	km	1400	-	-	Defra v 1.0	0.1009	0.14126	-
13 - February - 2026	February - 2026	Growlity Inc	Cars (by size)	Petrol	Medium car	km	2000	-	-	Defra v 1.0	0.18402	0.36804	-
13 - February - 2026	February - 2026	Growlity Inc.	Motorbike	-	Medium	km	1556	-	-	Defra v 1.0	0.1009	0.157	-

Food Consumption

Total GHG Emissions: 5.07625 TCO2Eq

Date	Entry Period	Site Name	Food Type	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	1 average meal	meal	1000	UNFCCC	4.7	4.7	-
25 - September - 2025	September - 2025	Growlity Inc.	Meal, vegetarian	meal	50	UNFCCC	2.85	0.1425	-
9 - February - 2026	February - 2026	Growlity Inc.	Meal, vegetarian	meal	23	UNFCCC	2.85	0.06555	-
13 - February - 2026	February - 2026	Growlity Inc	1 standard breakfast	breakfast	30	UNFCCC	0.84	0.0252	-
13 - February - 2026	February - 2026	Growlity Inc	1 average meal	meal	30	UNFCCC	4.7	0.141	-
13 - February - 2026	February - 2026	Growlity Inc	Non-alcoholic beverage	litre	10	UNFCCC	0.2	0.002	-

Purchased Goods

Total GHG Emissions: 44952.301031 TCO2Eq

Date	Entry Period	Site Name	Type of Goods	Loop	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
25 - September - 2025	September - 2025	Growlity Inc.	Plastic - Plastics: HDPE (incl. forming)	-	tonnes	45	Defra v 1.0	3086.39038	138.887567	-
6 - October - 2025	October - 2025	Growlity Inc.	Chemicals - Other chemical	-	kg	114.25	Defra v 1.0	3	0.34275	-
16 - October - 2025	October - 2025	Growlity Inc.	Plastic - Plastics: average plastics	-	tonnes	14	Defra v 1.0	3164.78049	44.306927	-
30 - December - 2025	December - 2025	Growlity Inc.	Other - Clothing	-	tonnes	2000	Defra v 1.0	22310	44620	-
23 - January - 2026	January - 2026	Growlity Inc.	Construction - Mineral oil	Primary material production	tonnes	2.77	Defra v 1.0	1401	3.88077	-
9 - February - 2026	February - 2026	Growlity Inc.	Plastic - Plastics: average plastic film	Primary material production	tonnes	32	Defra v 1.0	2916.50513	93.328164	-
13 - February - 2026	February - 2026	Growlity Inc	Electrical items - Electrical items - IT	Primary material production	tonnes	2	Defra v 1.0	24865.47556	49.730951	-
13 - February - 2026	February - 2026	Growlity Inc	Metal - Metal: steel cans	Closed-loop source	tonnes	1	Defra v 1.0	1823.90131	1.823901	-

Transmission & Distribution Loss

Total GHG Emissions: 181.32087 TCO2Eq

Date	Entry Period	Site Name	Name of Country	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
23 - April - 2025	April - 2025	Growlity Inc.	India	kWh	1000	Defra v 1.0	0.0188	0.0188	-
23 - April - 2025	April - 2025	Growlity Inc.	India	kWh	1000	Defra v 1.0	0.0188	0.0188	-
9 - May - 2025	May - 2025	Growlity Inc.	India	kWh	1000	Defra v 1.0	0.0188	0.0188	-
27 - May - 2025	May - 2025	Growlity Inc.	India	kWh	10000	Defra v 1.0	0.0188	0.188	-
29 - May - 2025	May - 2025	Growlity Inc.	India	kWh	245360.12	Defra v 1.0	0.0188	4.61277	-

4 - August - 2025	August - 2025	Growlity Pvt. Ltd.	Bangladesh	kWh	7677	Defra v 1.0	0.0188	0.144328	-
13 - September - 2025	September - 2025	Growlity Inc.	India	kWh	117437	Defra v 1.0	0.0188	2.207816	-
25 - September - 2025	September - 2025	Growlity Inc.	India	kWh	150	Defra v 1.0	0.0188	0.00282	-
25 - September - 2025	September - 2025	Growlity Inc.	India	kWh	7854000	Defra v 1.0	0.0188	147.6552	-
16 - October - 2025	October - 2025	Growlity Inc.	China	kWh	4821	Defra v 1.0	0.0188	0.090635	-
10 - December - 2025	December - 2025	Growlity Inc.	United States of America	kWh	1396825	Defra v 1.0	0.0188	26.26031	APG
30 - December - 2025	December - 2025	Growlity Inc.	India	kWh	2457	Defra v 1.0	0.0188	0.046192	-
9 - February - 2026	February - 2026	Growlity Inc.	India	kWh	2000	Defra v 1.0	0.0188	0.0376	-
13 - February - 2026	February - 2026	Growlity Inc	India	kWh	1000	Defra v 1.0	0.0188	0.0188	-

Upstream Activities													Total GHG Emissions: 107.237389 TCO2Eq		
Date	Entry Period	Site Name	Type of Vehicle	Type of Fuel	Class	Type	Unit of Measurement	Tonnes	Distance Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks		
11 - June - 2025	June - 2025	Growlity Inc.	HGV - All Diesel	-	All HGVs	-	miles	-	1000	Defra v 1.0	1.40489	1.40489	-		
4 - July - 2025	July - 2025	Growlity Pvt. Ltd.	Cargo ship	-	Bulk carrier - Average	-	tonne.km	1	1000	Defra v 1.0	0.00353	0.00353	-		
31 - July - 2025	July - 2025	Growlity Inc.	Vans	Diesel	Class I (up to 1.305 tonnes)	-	miles	-	565	Defra v 1.0	0.24716	0.139645	-		
31 - July - 2025	July - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	miles	-	14521	Defra v 1.0	0.95749	13.903712	Year 2022		
31 - July - 2025	July - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	miles	-	15000	Defra v 1.0	0.95749	14.36235	Year 2022		
1 - August - 2025	July - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	miles	-	5645	Defra v 1.0	0.95749	5.405031	-		
30 - August - 2025	August - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>17 tonnes)	-	miles	-	1452	Defra v 1.0	1.57231	2.282994	-		
30 - August - 2025	August - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	miles	-	484	Defra v 1.0	0.95749	0.463425	-		
25 - September - 2025	September - 2025	Growlity Inc.	Cargo ship	-	General cargo - Average	-	tonne.km	42	4520	Defra v 1.0	0.01321	2.507786	-		
25 - September - 2025	September - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>17 tonnes)	-	km	-	45242	Defra v 1.0	0.97698	44.200529	-		
16 - October - 2025	October - 2025	Growlity Inc.	Vans	Diesel	Average (up to 3.5 tonnes)	-	km	-	1455	Defra v 1.0	0.25023	0.364085	-		
30 - December - 2025	December - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>3.5 - 7.5 tonnes)	-	tonne.km	2	154	Defra v 1.0	0.50546	0.155682	-		
30 - December - 2025	December - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>3.5 - 7.5 tonnes)	-	km	-	154	Defra v 1.0	0.48733	0.075049	-		
9 - February - 2026	February - 2026	Growlity Inc.	HGV - All Diesel	-	Rigid (>3.5 - 7.5 tonnes)	-	tonne.km	2	324	Defra v 1.0	0.24776	0.160548	-		
10 - February - 2026	February - 2026	Growlity Inc.	Cargo ship	-	General cargo - Average	-	tonne.km	400	1000	Defra v 1.0	0.01321	5.284	-		
10 - February - 2026	February - 2026	Growlity Inc.	HGV - All Diesel	-	Rigid (>17 tonnes)	-	tonne.km	5	150	Defra v 1.0	0.12436	0.09327	-		
13 - February - 2026	February - 2026	Growlity Inc	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	tonne.km	20	1500	Defra v 1.0	0.14849	4.4547	-		
13 - February - 2026	February - 2026	Growlity Inc	Vans	Diesel	Class I (up to 1.305 tonnes)	Average (up to 3.5 tonnes)	km	1.2	150	Defra v 1.0	0.15738	0.023607	Dummy data - Vans Diesel Class I		
13 - February - 2026	February - 2026	Growlity Inc	Vans	Petrol	Class III (1.74 to 3.5 tonnes)	Average (up to 3.5 tonnes)	km	2.5	200	Defra v 1.0	0.33845	0.06769	Dummy data - Vans Petrol Class III		
13 - February - 2026	February - 2026	Growlity Inc	Vans	CNG	Average (up to 3.5 tonnes)	Average (up to 3.5 tonnes)	km	3	180	Defra v 1.0	0.25113	0.045203	Dummy data - Vans CNG		
13 - February - 2026	February - 2026	Growlity Inc	Vans	Battery Electric Vehicle	Class II (1.305 to 1.74 tonnes)	Average (up to 3.5 tonnes)	km	1.5	120	Defra v 1.0	0.05777	0.006932	Dummy data - Vans BEV		
13 - February - 2026	February - 2026	Growlity Inc	HGV - All Diesel	Diesel	Rigid (>3.5 - 7.5 tonnes)	Rigid - 3.5-7.5 tonnes	km	5	300	Defra v 1.0	0.54068	0.162204	Dummy data - HGV Rigid		
13 - February - 2026	February - 2026	Growlity Inc	HGV - All Diesel	Diesel	Rigid (>17 tonnes)	Rigid - 17+ tonnes	km	20	500	Defra v 1.0	1.10905	0.554525	Dummy data - HGV Rigid 17t		
13 - February - 2026	February - 2026	Growlity Inc	Rail	Electric	Freight train	Freight train	tonne.km	500	800	Defra v 1.0	0.02779	11.116	Dummy data - Rail Freight		

Downstream Activities													Total GHG Emissions: 206.723297 TCO2Eq		
Date	Entry Period	Site Name	Type of Vehicle	Type of Fuel	Class	Type	Unit of Measurement	Tonnes	Distance Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks		
31 - May - 2025	May - 2025	Growlity Inc.	HGV - All Diesel	-	Articulated (>3.5 - 33t)	-	km	-	1000	Defra v 1.0	0.76642	0.76642	-		
30 - August - 2025	August - 2025	Growlity Inc.	Vans	Petrol	Class II (1.305 to 1.74 tonnes)	-	miles	-	1452	Defra v 1.0	0.34936	0.507271	-		
30 - August - 2025	August - 2025	Growlity Inc.	Vans	Diesel	Class I (up to 1.305 tonnes)	-	miles	-	488	Defra v 1.0	0.24716	0.120614	-		

25 - September - 2025	September - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>17 tonnes)	-	km	-	45212	Defra v 1.0	0.97698	44.17122	-
16 - October - 2025	October - 2025	Growlity Inc.	HGV - All Diesel	-	All HGVs	-	km	-	1425	Defra v 1.0	0.87296	1.243968	-
27 - December - 2025	December - 2025	Growlity Inc.	HGV - All Diesel	-	All rigid	-	km	-	500	Defra v 1.0	0.82657	0.413285	-
30 - December - 2025	December - 2025	Growlity Inc.	HGV - All Diesel	-	Rigid (>3.5 - 7.5 tonnes)	-	km	-	154	Defra v 1.0	0.48733	0.075049	-
9 - February - 2026	February - 2026	Growlity Inc.	Freight flights	-	International, to/from non-UK	With RF	tonne.km	4	3254	Defra v 1.0	1.09904	14.305105	-
10 - February - 2026	February - 2026	Growlity Inc.	HGV - All Diesel	-	Rigid (>3.5 - 7.5 tonnes)	-	km	-	5200	Defra v 1.0	0.48733	2.534116	-
13 - February - 2026	February - 2026	Growlity Inc	HGV - All Diesel	-	Rigid (>7.5 tonnes-17 tonnes)	-	tonne.km	150	2500	Defra v 1.0	0.38023	142.58625	-

Waste Disposal

Total GHG Emissions: 4.606446 TCO2Eq

Date	Entry Period	Site Name	Type of Goods	Loop	Unit of Measurement	Generation	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
17 - April - 2025	April - 2025	Growlity Inc.	Construction - Average construction	Open-loop	tonnes	0.08	Defra v 1.0	0.98485	0.000079	-
29 - May - 2025	May - 2025	Growlity Inc.	Metal - Metal: steel cans	Closed-loop	tonnes	237.384	Defra v 1.0	6.41061	1.521776	-
29 - May - 2025	May - 2025	Growlity Inc.	Plastic - Plastics: HDPE (incl. forming)	Closed-loop	tonnes	127.958	Defra v 1.0	6.41061	0.820289	-
29 - May - 2025	May - 2025	Growlity Inc.	Plastic - Plastics: PP (incl. forming)	Closed-loop	tonnes	2	Defra v 1.0	6.41061	0.012821	-
29 - May - 2025	May - 2025	Growlity Inc.	Metal - Metal: mixed cans	Closed-loop	tonnes	0.819	Defra v 1.0	6.41061	0.00525	-
29 - May - 2025	May - 2025	Growlity Inc.	Plastic - Plastics: PET (incl. forming)	Closed-loop	tonnes	28.915	Defra v 1.0	6.41061	0.185363	-
25 - September - 2025	September - 2025	Growlity Inc.	Plastic - Plastics: HDPE (incl. forming)	Closed-loop	tonnes	15	Defra v 1.0	6.41061	0.096159	Haz. Waste
16 - October - 2025	October - 2025	Growlity Inc.	Construction - Metals	Closed-loop	tonnes	54	Defra v 1.0	0.98485	0.053182	-
30 - December - 2025	December - 2025	Growlity Inc.	Other - Clothing	Closed-loop	tonnes	214	Defra v 1.0	6.41061	1.371871	-
9 - February - 2026	February - 2026	Growlity Inc.	Plastic - Plastics: HDPE (incl. forming)	Closed-loop	tonnes	34	Defra v 1.0	4.68568	0.159313	-
9 - February - 2026	February - 2026	Growlity Inc.	Refuse - Commercial and industrial waste	Combustion	tonnes	47	Defra v 1.0	4.68568	0.220227	-
10 - February - 2026	February - 2026	Growlity Inc.	Plastic - Plastics: HDPE (incl. forming)	Closed-loop	tonnes	15	Defra v 1.0	4.68568	0.070285	-
13 - February - 2026	February - 2026	Growlity Inc	Metal - Metal: steel cans	Landfill	tonnes	10	Defra v 1.0	8.98311	0.089831	-

Water Supply

Total GHG Emissions: 93.849879 TCO2Eq

Date	Entry Period	Site Name	Select Type	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
16 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	16473	Defra v 1.0	0.15311	2.522181	-
16 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	17678	Defra v 1.0	0.15311	2.706679	-
16 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	39889	Defra v 1.0	0.15311	6.107405	-
16 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	6552	Defra v 1.0	0.15311	1.003177	-
22 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	383299	Defra v 1.0	0.15311	58.68691	-
22 - April - 2025	April - 2025	Growlity Inc.	Water Supply	Cubic metres	1000	Defra v 1.0	0.15311	0.15311	-
25 - September - 2025	September - 2025	Growlity Inc.	Water Supply	Cubic metres	145	Defra v 1.0	0.15311	0.022201	-
16 - October - 2025	October - 2025	Growlity Inc.	Water Supply	Cubic metres	15	Defra v 1.0	0.15311	0.002297	-
30 - December - 2025	December - 2025	Growlity Inc.	Water Supply	Cubic metres	214	Defra v 1.0	0.15311	0.032766	-
9 - February - 2026	February - 2026	Growlity Inc.	Water Supply	Cubic metres	3214	Defra v 1.0	0.1913	0.614838	-
10 - February - 2026	February - 2026	Growlity Inc.	Water Supply	Cubic metres	14993	Defra v 1.0	0.1913	2.868161	-
13 - February - 2026	February - 2026	Growlity Inc	Water Supply	Million litres	100	Defra v 1.0	191.30156	19.130156	-

Water Treatment

Total GHG Emissions: 165.871319 TCO2Eq

Date	Entry Period	Site Name	Type	Unit of Measurement	Consumption	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
17 - April - 2025	April - 2025	Growlity Pvt. Ltd.	Water Treatment	million litres	1	Defra v 1.0	185.7412	0.185741	-
8 - August - 2025	August - 2025	Growlity Pvt. Ltd.	Water Treatment	million litres	4.079	Defra v 1.0	185.7412	0.757638	-
8 - August - 2025	August - 2025	Growlity Pvt. Ltd.	Water Treatment	million litres	43.758	Defra v 1.0	185.7412	8.127663	-
25 - September - 2025	September - 2025	Growlity Inc.	Water Treatment	million litres	0.5	Defra v 1.0	185.7412	0.092871	ETP plant
4 - October - 2025	October - 2025	Growlity Inc.	Water Treatment	million litres	3.82	Defra v 1.0	185.7412	0.709531	-
16 - October - 2025	October - 2025	Growlity Inc.	Water Treatment	million litres	15	Defra v 1.0	185.7412	2.786118	STP
30 - December - 2025	December - 2025	Growlity Inc.	Water Treatment	million litres	0.24	Defra v 1.0	185.7412	0.044578	ETP
30 - January - 2026	January - 2026	Growlity Inc.	Water Treatment	million litres	445	Defra v 1.0	170.87549	76.039593	-
30 - January - 2026	January - 2026	Growlity Inc.	Water Treatment	million litres	55	Defra v 1.0	170.87549	9.398152	-
31 - January - 2026	January - 2026	Growlity Inc.	Water Treatment	cubic metres	4554	Defra v 1.0	0.17088	0.778188	45

31 - January - 2026	January - 2026	Growlity Inc.	Water Treatment	million litres	55	Defra v 1.0	170.87549	9.398152	24
2 - February - 2026	February - 2026	Growlity Inc.	Water Treatment	million litres	222	Defra v 1.0	170.87549	37.934359	-
2 - February - 2026	February - 2026	Growlity Pvt. Ltd.	Water Treatment	cubic metres	54	Defra v 1.0	0.17088	0.009228	Sample
2 - February - 2026	February - 2026	Growlity Pvt. Ltd.	Water Treatment	million litres	58	Defra v 1.0	170.87549	9.910778	Sample
6 - February - 2026	February - 2026	Growlity Pvt. Ltd.	Water Treatment	million litres	0.254	Defra v 1.0	170.87549	0.043402	test
10 - February - 2026	February - 2026	Growlity Inc.	Water Treatment	cubic metres	1500	Defra v 1.0	0.17088	0.25632	-
13 - February - 2026	February - 2026	Growlity Inc	Water Treatment	million litres	1	Defra v 1.0	170.87549	0.170875	-
2 - February - 2026	March - 2026	Growlity Pvt. Ltd.	Water Treatment	cubic metres	5	Defra v 1.0	0.17088	0.000854	Sample
2 - February - 2026	March - 2026	Growlity Pvt. Ltd.	Water Treatment	million litres	54	Defra v 1.0	170.87549	9.227276	Sample

Business Travel (Air)													Total GHG Emissions: 85.780954 TCO2Eq	
Date	Entry Period	Site Name		Mode of Travel		Class	Type	Unit of Measurement	No. of Passenger	Kilometers Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks
9 - May - 2025	May - 2025	Growlity Inc.		Flights - Domestic, to/from UK	Average passenger	With RF		passenger_km	1	1000	Defra v 1.0	0.27257	0.27257	-
25 - September - 2025	September - 2025	Growlity Inc.		Flights - International, to/from non-UK	Business class	With RF		passenger_km	2	4521	Defra v 1.0	0.39044	3.530358	-
16 - October - 2025	October - 2025	Growlity Inc.		Flights - International, to/from non-UK	Business class	With RF		passenger_km	2	1400	Defra v 1.0	0.39044	1.093232	-
30 - December - 2025	December - 2025	Growlity Inc.		Flights - International, to/from non-UK	Business class	With RF		passenger_km	1	2657	Defra v 1.0	0.39044	1.037399	-
10 - February - 2026	February - 2026	Growlity Inc.		Flights - International, to/from non-UK	Business class	With RF		passenger_km	2	6570	Defra v 1.0	0.31656	4.159598	-
13 - February - 2026	February - 2026	Growlity Inc		Flights - International, to/from non-UK	Average passenger	With RF		passenger_km	10	7200	Defra v 1.0	0.14253	10.26216	-
13 - February - 2026	February - 2026	Growlity Inc		Flights - International, to/from non-UK	Premium economy class	With RF		passenger_km	30	12487	Defra v 1.0	0.17465	65.425636	-

Business Travel (Sea)													Total GHG Emissions: 11.8335 TCO2Eq	
Date	Entry Period	Site Name		Mode of Travel		Unit of Measurement	No. of Passenger	Km Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks		
13 - February - 2026	February - 2026	Growlity Inc		Ferry - Average (all passenger)		passenger.km	30	3500	Defra v 1.0	0.1127	11.8335	-		

Business Travel (Land)													Total GHG Emissions: 1.231542 TCO2Eq	
Date	Entry Period	Site Name		Type of Fuel	Unit of Measurement	Consumption	No. of Passenger	Km Travelled	Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks		
9 - May - 2025	May - 2025	Growlity Inc.		Rail - National rail	passenger.km	-	1	1000	Defra v 1.0	0.035463	0.035463	-		
25 - September - 2025	September - 2025	Growlity Inc.		Rail - National rail	passenger.km	-	2	500	Defra v 1.0	0.035463	0.035463	-		
16 - October - 2025	October - 2025	Growlity Inc.		Bus - Average local bus	passenger.km	-	2	145	Defra v 1.0	0.10846	0.031453	-		
30 - December - 2025	December - 2025	Growlity Inc.		Rail - National rail	passenger.km	-	2	457	Defra v 1.0	0.035463	0.032413	-		
10 - February - 2026	February - 2026	Growlity Inc.		Rail - National rail	passenger.km	-	3	550	Defra v 1.0	0.03546	0.058509	-		
13 - February - 2026	February - 2026	Growlity Inc		Diesel - Average car	km	6000	-	-	Defra v 1.0	0.17304	1.03824	-		

Hotel stay													Total GHG Emissions: 20.4363 TCO2Eq	
Date	Entry Period	Site Name		Name of Country		Number of occupied Rooms		Number of Nights Per Room		Source	Emission Factor	GHG Emissions (TCO2Eq)	Remarks	
28 - August - 2025	August - 2025	Growlity Pvt. Ltd.		India		5		30		Defra v 1.0	58.9	8.835	-	
28 - August - 2025	August - 2025	Growlity Pvt. Ltd.		India		1		150		Defra v 1.0	58.9	8.835	-	
25 - September - 2025	September - 2025	Growlity Inc.		China		2		4		Defra v 1.0	53.5	0.428	-	
16 - October - 2025	October - 2025	Growlity Inc.		Egypt		2		4		Defra v 1.0	44.2	0.3536	-	
30 - December - 2025	December - 2025	Growlity Inc.		Colombia		2		2		Defra v 1.0	14.7	0.0588	-	
9 - February - 2026	February - 2026	Growlity Inc.		Canada		1		2		Defra v 1.0	7.4	0.0148	-	
10 - February - 2026	February - 2026	Growlity Inc.		Germany		2		4		Defra v 1.0	13.2	0.1056	-	
13 - February - 2026	February - 2026	Growlity Inc		UK (London)		15		3		Defra v 1.0	11.5	0.5175	-	
13 - February - 2026	February - 2026	Growlity Inc		United States		20		4		Defra v 1.0	16.1	1.288	-	