

Household Environment Monitor

Month: January

Date	Rubbish		Fuel	Electricity	Gas	Water	Purchases	Comments
	No. garbage bags	Bag size (S/M/L)	L of fuel from receipt	kWh from power bill	L of gas from gas receipt	kL from water bill	\$ spent on other purchases	
1	3	Small bags						
2	2	Small bags		465				Monthly power bill
3	3	Small bags					170	Groceries
4	4	Small bags						
5	2	Small bags	90					Car fuel
6	1	Small bags						
7	3	Small bags						
8	4	Small bags			20			Gas for BBQ
9	2	Small bags						
10	1	Large bags					190	Groceries
11	1	Large bags						
12	1	Large bags						
13	1	Large bags						
14	1	Large bags						
15	1	Large bags						
16	1	Large bags						
17	1	Large bags					125	Groceries
18	2	Medium bags					52	Chemist
19	1	Medium bags	90					Car fuel
20	1	Medium bags						
21	2	Medium bags						
22	1	Medium bags						
23	1	Medium bags						
24	2	Medium bags					145	Groceries
25	2	Medium bags						
26	1	Medium bags	5					Fuel for lawn mower
27	1	Medium bags						
28	1	Medium bags					295	School books
29	2	Medium bags						
30	1	Medium bags					54	Quarterly water bill
31	1	Medium bags					175	Groceries
TOTAL	24	Small bags						
	19	Medium bags	185	465	20	54	1152	
	8	Large bags						

This may be a quarterly or monthly total and you'll find it on your power bill.

Don't forget the small fuel purchases for garden equipment and the boat.

If your water bill is in Litres, just divide the number of Litres by 1000 to get kL.

Calculations and Trends

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Solid Waste												
1. From Monthly monitor sheet, enter:												
Total No. of small garbage bags		24										
Total No. of medium garbage bags		19										
Total No. of large garbage bags		8										
2. Convert to equivalent No. of medium garbage bags:												
Total No. small bags x 3 =		72	= 24 x 3									
Total No. medium bags =		19	=19 as above									
Total No. large bags div. 3 =		3	= 8 / 3									
Sum = (No. of equiv. medium garbage bags)		94	=72+19+3									
3. Methane produced?												
Sum of bags x 2kg methane		188	=94 x 2 to give kg of methane produced from your garbage.									
Car Fuel												
1. From Monthly monitor sheet, enter:												
L of car fuel consumed		185										
2. Carbon dioxide emissions?												
L of car fuel x 2.5 kg		462.5	= 185 x 2.5 to give kg of carbon dioxide emitted from your car.									
Electricity												
1. From Monthly monitor sheet, enter:												
kWh of energy consumed		465										
2. Carbon dioxide emissions?												
L of car fuel x 1.5 kg		697.5	= 465 x 1.5 to give kg of carbon dioxide emitted from the power station for your power use.									
Gas												
1. From Monthly monitor sheet, enter:												
L of car gas consumed		20										
2. Carbon dioxide emissions?												
L of gas x 1.6 kg		32	= 20 x 1.6 to give kg of carbon dioxide produced from your gas burning system.									
Total carbon dioxide emitted:		1192	=462.5 + 697.5 + 32 to give kg of carbon dioxide produced from your activities.									
Water												
Enter total water use		54										
General Consumption												
Enter other consumption cost		1152										