Annex B – YDNPA Greenhouse Gas Emissions ($KgCO_2e$) 2019-2023

	2019-2020	2020-2021	2021-2022	2022-2023
Scope 1	KgCO2e	KgCO2e	KgCO2e	KgCO2e
1. Burning oil	18,916	34,074	16,511	16,257
2. Diesel (ad hoc use)	1,793	2,265	2,010	4,698
3. Gas Oil	4,035	1,856	2,382	0
4. LPG	1,443	1,051	210	204
5. Natural Gas	2,090	4,164	1,288	347
6. Woodchip	5,695	2,959	4,421	3,233
7. Petrol for hire car, plant and machinery	971	2,049	1,898	1,995
8. Pool cars (small petrol car) - leased	4,349	598	3,269	4,618
9. Pool cars (medium petrol car) - leased	7,457	1,960	5,159	7,931
10. Landrovers (large diesel car) - leased	27,552	29,911	26,049	23,052
11. Vans (small diesel van) - leased	9,968	8,457	7,569	7,074
12. Retail/ Maintenance van (large diesel van) - leased	3,146	2,276	2,224	1,070
Total	87,415	91,620	72,990	70,479
Scope 2				
13. Electricity	93,454	69,247	66,584	61,357
Total	93,454	69,247	66, 584	61,357
Scope 3				
14. Business Mileage - Officers	29,751	7,852	17,103	21,469
15. Business Mileage - Members	2,501	340	2,109	1,484
16. Volunteers Mileage	36,702	13,678	30,682	33,073
17. Rail Travel – Members + Staff	3,031	13	229	650
18. Air Travel	3,908	0	437	107
19. Water supply	3,029	3,284	1,310	814
20. Water treatment	5,503	5,905	2,087	1,213
Total	84,425	31,072	53,957	58,810
Total Emissions	265,294	191,939	193,531	190,646

Emissions are classified into three “Scopes” in line with current standard reporting practice.

Scope 1 comprises direct emissions produced by the burning of fuels by the Authority (i.e. the fuel used to heat premises and run the vehicle fleet).

Scope 2 comprises indirect emissions generated by the electricity used and purchased from the national grid.

Scope 3 comprises indirect emissions arising from business activity using assets the Authority does not own (e.g. business travel in private vehicles or by public transport).