



Copping Monthly Landfill Gas Report

June 2023

Flare Summary

01/06/2023 to 01/07/2023

Volume of landfill gas flared	32,004 m ³	(current month)
Cumulative volume of landfill gas flared	638,056 m ³	(financial year to date)
Average flow rate operating hours	417 m ³ /h	(current month)
Average flow rate calendar month	44 m ³ /h	(current month)
Hours in reporting period	720.0 hours	(current month)
Flare combined operation hours	76.8 hours	(current month)

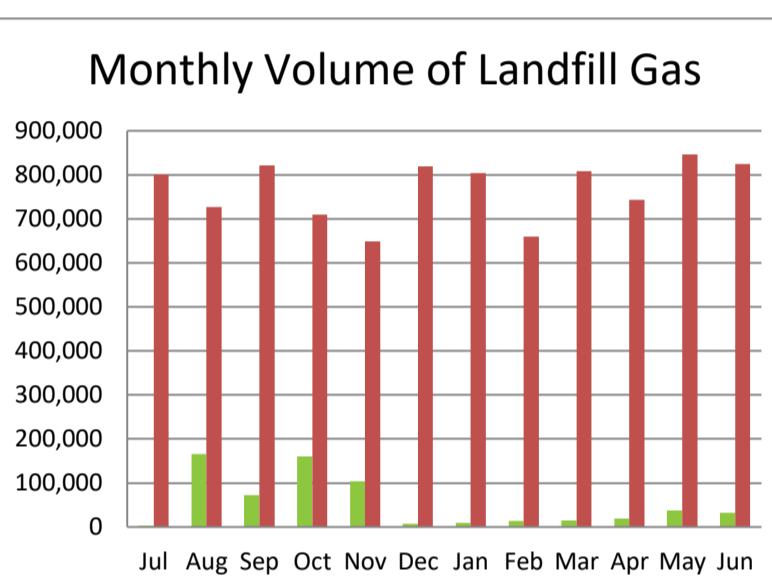
Average Gas Composition

Methane	49.9 %	(current month)
Carbon Dioxide	34.0 %	(current month)
Oxygen	0.2 %	(current month)
Carbon dioxide equivalent methane combusted (CO ₂ e)	304.07 tonnes	(current month)

Gas Volume by Month

FY 2022/23

Month	m ³			CO ₂ e		Generated kWh
	Flares	REF	Total	Flares	REF	
Jul	2,492	801,307	803,799	N/A	8,197.32	1,463,808
Aug	166,113	727,402	893,515	N/A	6,972.26	1,247,064
Sep	72,193	821,538	893,731	696.90	7,683.52	1,354,961
Oct	159,814	709,727	869,541	1,478.83	6,725.05	1,161,452
Nov	104,145	648,409	752,554	989.48	6,331.14	1,096,677
Dec	7,367	818,869	826,236	N/A	8,066.13	1,438,176
Jan	9,007	803,602	812,609	N/A	7,444.22	1,288,203
Feb	13,399	660,082	673,481	N/A	6,297.68	1,083,123
Mar	15,138	808,088	823,226	N/A	7,654.59	1,313,576
Apr	19,200	742,841	762,041	N/A	7,542.82	1,357,425
May	37,184	846,176	883,360	N/A	8,289.53	1,484,476
Jun	32,004	824,620	856,624	304.07	7,693.68	1,369,046
Totals	638,056	9,212,661	9,850,717	3,469.28	88,897.94	15,657,987



Renewable Energy Facility

Volume of landfill gas utilised	824,620 m ³	(current month)
Average flow rate less down time	1,173 m ³	(current month)
Average flow rate calendar month	1,145 m ³ /h	(current month)
Generated kWh	1,369,046 kWh	(current month)
Average methane composition of landfill gas	49.0 %	(current month)
Average carbon dioxide composition of landfill gas	N/A %	(current month)
Average oxygen composition of landfill gas	N/A %	(current month)
Power station operation	702.50 hours	(current month)
Cumulative station hours	1,341.50 hours	(current month)
Carbon dioxide equivalent methane combusted (CO ₂ e)	7,693.68 tonnes	(current month)

REF Comments

Utility trips 14.8 engine hours downtime.

Gas Field Comments