

# Northern Ireland Landfills with Gas Engines (2023)

PO / WML	Site Name	Operator Name	Address	Grid Ref	Operational or Closed	Representative Gas Flow at Engine (m <sup>3</sup> /hr)	Gas Control	Flare	Engine	ESTIMATED* Total volume of gas combusted in engine during 2023 (m <sup>3</sup> )	% Methane Content of gas combusted in engines	*Methodology used to calculate gas volumes	The total amount of waste received at the site in 2023 (Tonnes)
P0307/09A/V1	Dargan Road Gas Utilisation Plant	Rewnewable Power Systems (RPS)	North Foreshore Landfill, Dargan Road, Belfast, BT3 9JP	Easting: 334964 Northing: 377890	Closed	396	Yes	Yes	Yes	3,466,000	50%	Calculated from electricity generation and engine efficiency	<i>Closed Landfill</i>
P0090/05A/V1 & WML 23/03	Cottonmount Landfill Phase I & Phase II	BIFFA	140 Mallusk Road, Mallusk, BT36 4QN	Easting: 327799 Northing: 383101	Operational & Closed	818	Yes	Yes	Yes	13,140,842 Flare and Engine	45%	Metered Flow Rate and Estimated Volume	302,882
WML 16/01	Glassmullagh Landfill	Devine & Associates	Killyvilly, Tempo Rd, Enniskillen, Co Fermanagh, BT74 6HR	Easting: 226287 Northing: 342236	Closed	70	Yes	Yes	Yes		48%	Metered Flow Rate and Estimated Volume	<i>Closed Landfill</i>

P0184/07A	Tullyvar Landfill	Rewnewable Power Systems (RPS)	130 Tullyvar Road, Aughnacloy, Co Tyrone, BT69 6BN	Easting: 264594 Northing: 354811	Closed	185.5m/3	Yes	Yes	Yes	6,531,855	54%	Metered Flow Rate and Metered Volume	<i>Closed Landfill</i>
P0152/06A/V2	Aughnagun Landfill Site	Rewnewable Power Systems (RPS)	Chapel Hill Road, Mayobridge, Co Down, BT34 2EX	Easting: 314398 Northing: 325031	Closed	37.4m/3	Yes	Yes	Yes	424,044	48%	Metered Flow Rate and Metered Volume	<i>Closed Landfill</i>
P0145/06A	Lisbane Landfill	BlueSky Resource Recovery Ltd & B9	29 Auglish Road, Tandragee, Co Armagh, BT62 2EE	Easting: 304505 Northing: 344502	Operational		Yes	Yes	Yes		35%-40%	Estimation based on total run time and typical gas flow	17,761.63
P0154/06A/V6	Drumanakelly Landfill	B9 Energy	Demesne Road, Seaforde, Co Down, BT30 8SE	Easting: 338232, Northing: 344736	Closed	125	Yes	Yes	Yes	148157 Flare and engine	48%	In-situ gas flow meter	<i>Closed Landfill</i>
P0087/05A/V4	Craigmore Landfill	B9 Energy	56 Craigmore Road, Ringsend, Garvagh, BT51 5HF	Easting: 281835 Northing: 421345	Operational	445	Yes	Yes	Yes	3,326,872	54%	In-situ gas flow meter in gas compound	164,700

P0148/06A/V1	Craigahulliar Landfill Site	B9 Energy	Ballymacrae Road, Portrush, Co Antrim, BT56 0NN	Easting: 288322 Northing: 438962	Operational	250	Yes	Yes	Yes	946,354	38%	In-situ gas meter	51,062
P0143/06A	Magheraglass Landfill	Renewable Power Systems (RPS)	Knockaleery Road, Cookstown, BT80 9EH	Easting: 273117 Northing: 376654	Closed	26.5m/3	Yes	Yes	Yes	102393	42%	Metered Flow Rate and Metered Volume	Closed Landfill
P0457/14A	Aughrim Gas Utilisation Plant (services both Aughrim and Mullaghglass landfill sites)	Renewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	Operational (Both)	1,202	yes	yes	Yes	10445000	50%	Metered Flow Rate and Estimated Volume	Aughrim-51,753.42
							yes	yes	yes			Metered Flow Rate and Estimated Volume	Mullaghglass is now closed
WML 23/05	Green Road Landfill	B9 Energy	64 Green Rd, Ballyclare, Co Antrim BT39 9PH	Easting: 329994 Northing: 390383	Closed	68	yes	yes	yes	1,208,226 Gas and Flare	41.24%	Metered Flow Rate and Estimated Volume	Closed Landfill
WML 04/01	Ballymacvea Landfill	B9 Energy	Tullynamullan Road, Kells, Ballymena, Co. Antrim BT42 2LR	Easting: 311455 Northing: 396140	Closed	265	Yes	Yes	Yes	641,607	31%	In-situ gas meter	Closed Landfill

P0044/04A	Drummee Landfill	Devine & Assocaites	Derrygonnelly Road, Enniskillen, Fermanagh, BT74 7PY	Easting: 220700 Northing: 344852	Operational	Did not operate	Yes	Yes	Yes	Not Operational		Usually by Metered Flow Rate and Estimated Volume	25,993
WML 13/16	Culmore Closed Landfill	B9 Energy	Culmore Road, L'Derry	Easting: 247701 Northing: 423546	Closed		Yes	Yes	Yes			In situ gas flow meter	<i>Closed Landfill</i>
P0457/14A	Mullaghglass Gas Utilisation Plant	Rewnewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	closed	1066m/3	yes	yes	Yes	See Aughrim Gas plant above for Info		Metered Flow Rate and Estimated Volume	Closed Landfill

## Northern Ireland Landfills with Gas Flares (2023)

PO / WML	Site Name	Operator Name	Address	Grid Ref	Operational or Closed	Representative Gas Flow at Flare (m <sup>3</sup> /hr)	Gas Control	Flare	Engine	ESTIMATED* Total volume of gas combusted in flare during 2023 (m <sup>3</sup> )	% Methane Content of gas combusted in flares	*Methodology used to calculate gas volumes	The total amount of waste received at the site in 2023 (Tonnes)
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WML 12/10	Ballyfodrin Landfill	Armagh City, Banbridge and Craigavon Borough Council	Ballyfodrin, Drumeven, Moy Rd, Co Armagh	Easting: 297592 Northing: 355733	Closed	26	Yes	Yes	No	46,931	23.6% Declining to 17.8%	N/A	<i>Closed Landfill</i>
WML 23/04	Hightown Landfill	Macwill Services	Upper Hightown Road, Belfast, BT36 7AT	Easting: 331290 Northing: 379830	Closed					NOT OPERATIONAL			<i>Closed Landfill</i>
P0340/10A	Eastwoods Landfill (Crosshill Quarry)	Rewnewable Power Systems (RPS)	18 Crosshill Road Crumlin County Antrim BT29 4BQ	Easting: 315670 Northing: 378020	Operational	98.5m/3	Yes	Yes	No	102,340	50%	Calculated using flow measurements and flare operational hours	50,621
P0336/09A	Ballymacombs Landfill	Mid Ulster District Council	Ballymacombs Road, Bellaghy, Co Derry	Easting: 295122 Northing: 400651	Operational	64.7	Yes	Yes	No	297,604m3	29.2%	Metered Flow Rate and Metered Volume	<i>Landfill temporarily closed</i>
P0087/05A/V4	Craigmore Landfill	B9 Energy	56 Craigmore Road, Ringsend, Garvagh, BT51 5HF	Easting: 281835 Northing: 421345	Operational	355	Yes	Yes	Yes	3,326,872	54	In-situ gas flow meter in gas compound	164,700

P0148/06A/V1	Craigahulliar Landfill Site	B9 Energy	Ballymacrae Road, Portrush, Co Antrim, BT56 0NN	Easting: 288322 Northing: 438962	Operational		Yes	Yes	Yes	946,354	38%	N/A	51,062
P0152/06A	Aughnagun Landfill	RPS	Chapel Hill Road, Mayobridge, Co Down, BT34 2EX	Easting: 314398 Northing: 325031	Closed	37.4m/3	Yes	Yes	Yes	30,445	not provided	Metered Flow Rate and Estimated Volume	<i>Closed Landfill</i>
P0143/06A	Magheraglass Landfill	Rewnewable Power Systems (RPS)	Knockaleery Road, Cookstown, BT80 9EH	Easting: 273117 Northing: 376654	Closed	26.5m/3	Yes	Yes	Yes	157,645	not provided	Metered Flow Rate and Metered Volume	<i>Closed Landfill</i>
P0044/04A	Drummee Landfill	Devine & Associates	Derrygonnelly Road, Enniskillen, Fermanagh, BT74 7PY	Easting: 220700 Northing: 344852	Operational	750m/3	Yes	Yes	Yes	Not OPERATIONAL		Metered Flow Rate and Estimated Volume	25,993
P0145/06A	Lisbane Landfill	BlueSky Resource Recovery Ltd & B9	29 Auglish Road, Tandragee, Co Armagh, BT62 2EE	Easting: 304505 Northing: 344502	Operational		Yes	Yes	Yes		35%-40%	N/A	17,761.63

P0184/07A	Tullyvar Landfill	Rewnewable Power Systems (RPS)	130 Tullyvar Road, Aughnacloy, Co Tyrone, BT69 6BN	Easting: 264594 Northing: 354811	Closed	185.5m/3	Yes	Yes	Yes	96,434	not provided	Metered Flow Rate and Metered Volume	<i>Closed Landfill</i>
P0457/14A	Aughrim Gas Utilisation Plant (services both Aughrim and Mullaghglass Landfills)	Rewnewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	Operational (Both)	32.9m/3	yes	yes	Yes	77000	50%	Metered Flow Rate and Estimated Volume	Mullaghglass is closed Aughrim-51,753.42
P0457/14A	Mullaghglass Gas Utilisation Plant	Rewnewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	closed	1066m/3	yes	yes	Yes	See Aughrim Gas plant above for info		Metered Flow Rate and Estimated Volume	Closed Landfill