

## Northern Ireland Landfills with Gas Engines (2024)

P0 / 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 2024 (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 2024 (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	359	Yes	Yes	Yes	3,148,000	50%	Calculated from generator electrical output divided by generator efficiency	Closed
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	1535	Yes	Yes	Yes	14,652,115	46.57%	Metered Flow Rate and Estimated Volume	176,919
WML 16/01	Glassmullagh Landfill	Devine & Associates	Killyvilly, Tempo Rd, Enniskillen, Co Fermanagh, BT74 6HR	Easting: 226287 Northing: 342236	Closed	70	Yes	Yes	Yes	306,688	48%	Metered Flow Rate and Estimated Volume	Closed Landfill
P0184/07A	Tullyvar Landfill	Rewnewable Power Systems (RPS)	130 Tullyvar Road, Aughnacloy, Co Tyrone, BT69 6BN	Easting: 264594 Northing: 354811	Closed	N/A	Yes	Yes	Yes	667,468	50%	Meter on Flare/Engine	Closed Landfill
P0152/06A /V2	Aughnagun Landfill Site	Rewnewable Power Systems (RPS)	Chapel Hill Road, Mayobridge, Co Down, BT34 2EX	Easting: 314398 Northing: 325031	Closed	78	Yes	Yes	Yes	819,190	50%	calculated by RPS from electricity meter readings, flare flow readings, and flare hours.	Closed Landfill
P0145/06A	Lisbane Landfill	BlueSky Resource Recovery Ltd & B9	29 Auglish Road, Tandragee, Co Armagh, BT62 2EE	Easting: 304505 Northing: 344502	Operational	NA	Yes	Yes	Yes		35-40%	In-situ gas flow meter	
P0154/06A /V6	Drumanakelly Landfill	B9 Energy	Demesne Road, Seaforde, Co Down, BT20 9SE	Easting: 338232, Northing: 344736	Closed	125	Yes	Yes	Yes	126,081	47%	In-situ gas flow meter	Closed
P0087/05A /V4	Craigmore Landfill	B9 Energy	50 Craigmore Road, Ringsend, Co Down, BT51 5JF	Easting: 281835 Northing: 421345	Operational	445	Yes	Yes	Yes	3,040,583 (Engine and Flare)	53%	In-situ gas flow meter	110,868
P0148/06A /V1	Craigahulliar Landfill Site	B9 Energy	Gatynia Park Road, Portrush, Co Antrim, BT56 0NN	Easting: 288322 Northing: 438962	Operational	NA	Yes	Yes	Yes	901,785	NA		28444
P0143/06A	Magheraglass Landfill	Rewnewable Power Systems (RPS)	Knockaleery Road, Cookstown, BT80 9EH	Easting: 273117 Northing: 376654	Closed	N/A	Yes	Yes	Yes	632,84	50%	Meter on Flare/Engine	Closed Landfill
P0457/14A	Aughrim Gas Utilisation Plant (services both Aughrim and	Rewnewable Power Systems	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	Operational (Both)	888	yes	yes	Yes	7,800,000	50%	Calculated from generator electrical output	Mullaghglass Closed
							yes	yes	yes				Aughrim 56,697.28

WML 23/05	Green Road Landfill	B9 Energy	64 Green Rd, Ballyclare, Co Antrim BT39 9PH	Easting: 329994 Northing: 390383	Closed	88	yes	yes	yes	238,496 Engine	42.18%	Metered Flow Rate and Estimated Volume	Closed
WML 04/01	Ballymacvea Landfill	B9 Energy	Tullynamullan Road, Kells, Ballymena, Co.Antrim BT42 2LR	Easting: 311455 Northing: 396140	Closed	265	Yes	Yes	Yes	577,097	30.80%	In-situ gas flow meter in gas compound	Closed
P0044/04A	Drumree Landfill	Devine & Assocaites	Derrygonnelly Road, Enniskillen, Fermanagh, BT74 7PY	Easting: 220700 Northing: 344852	Operational	Did Not Operate	Yes	Yes	Yes	Not operational	NA	Usually metered flow rate and estimated value.	18,934.00
WML 13/16	Culmore Closed Landfill	B9 Energy	Culmore Road, L'Derry	Easting: 247701 Northing: 423546	Closed		Yes	Yes	Yes				Closed
P0457/14A	Mullaghglass Gas Utilisation Plant	Rewnewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	closed		yes	yes	Yes	See Aughrim Gas plant above for Info		Metered Flow Rate and Estimated Volume	Closed
P0340/10A	Eastwoods Landfill (Crosshill Quarry)	Rewnewable Power Systems (RPS)	18 Crosshill Road Crumlin County Antrim BT29 4BQ	Easting: 315670 Northing: 378020	Operational		Yes	Yes	Yes	49,055		Calculated using flow measurements and flare operational hours	

## Northern Ireland Landfills with Gas Flares (2024)

PO / WML	Site Name	Operator Name	Address	Grid Ref	Operational or Closed	Representative Gas Flow at Flare (m3/hr)	Gas Control	Flare	Engine	ESTIMATED* Total volume of gas combusted in flare during 2024 (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 2024 (Tonnes)
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	1535	Yes	Yes	Yes	309,131	46.57%	Metered Flow Rate and Estimated Volume	176,919
WML 12/10	Ballyfodrin Landfill	Armagh City, Banbridge and Craigavon Borough Council	Ballyfodrin, Drumeven, Moy Rd, Co Armagh	Easting: 297592 Northing: 355733	Closed	30	Yes	Yes	No	285,030	35-40%	In-situ gas meter	Closed Landfill
WML 23/04	Hightown Landfill	Macwill Services	Upper Hightown Road, Belfast, BT36 7AT	Easting: 331290 Northing: 379830	Closed							Not operational	Closed Landfill
P0340/10A	Eastwoods Landfill (Crosshill Quarry)	Rewnewable Power Systems (RPS)	18 Crosshill Road Crumlin County Antrim BT29 4BQ	Easting: 315670 Northing: 378020	Operational		Yes	Yes	No	514,000		Calculated using flow measurements and flare operational hours	
P0336/09A	Ballymacombs Landfill	Mid Ulster District Council	Ballymacombs Road, Bellaghy, Co Derry	Easting: 295122 Northing: 400651	Operational	53.2	Yes	Yes	No	148,140	50.0%	Metered Flow Rate and Metered Volume	Landfill temporarily closed

P0087/05A/V4	Craigmore Landfill	B9 Energy	56 Craigmore Road, Ringsend, Garvagh, BT51 5HF	Easting: 281835 Northing: 421345	Operational	305	Yes	Yes	Yes	3,040,583 (Engine and Flare)	1	In-situ gas flow meter in gas compound	110,868
P0148/06A/V1	Craigahulliar Landfill Site	B9 Energy	Datymacrae Road, Portrush, Co Antrim, BT56 0NN	Easting: 288322 Northing: 438962	Operational		Yes	Yes	Yes	N/A		N/A	
P0152/06A/V2	Aughnagun Landfill	RPS	Chapel Hill Road, Mayobridge, Co Down, BT34 2EX	Easting: 314398 Northing: 325031	Closed	78	Yes	Yes	Yes	37,473	50%	Metered Flow Rate and Estimated Volume	Closed Landfill
P0143/06A	Magheraglass Landfill	Renewable Power Systems (RPS)	Knockaleery Road, Cookstown, BT80 9EH	Easting: 273117 Northing: 376654	Closed	N/A	Yes	Yes	Yes	999,85	50%	Metered Flow Rate and Metered Volume	Closed Landfill
P0044/04A	Drummee Landfill	Devine & Assocaites	Derrygonnelly Road, Enniskillen, Fermanagh, BT74 7PY	Easting: 220700 Northing: 344852	Operational	50	Yes	Yes	Yes	200,385	45%	Metered Flow Rate and Estimated Volume	Closed Landfill
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			N/A	
P0184/07A	Tullyvar Landfill	Renewable Power Systems (RPS)	130 Tullyvar Road, Aughnacloy, Co Tyrone, BT69 6BN	Easting: 264594 Northing: 354811	Closed		Yes	Yes	Yes	606,79	50%	Metered Flow Rate and Metered Volume	Closed Landfill
P0457/14A	Aughrim Gas Utilisation Plant (services both Aughrim and Mullaghglass Landfills)	Renewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	Operational (Both)	888	yes	yes	Yes	188000	50%	Calculated from generator electrical output divided by generator efficiency	Mullaghglass is closed Aughrim- 56697.2T
P0457/14A	Mullaghglass Gas Utilisation Plant	Renewable Power Systems (RPS)	Aughrim Quarry, Ballycolin Road, Dunmurry, BT28 3TE	Easting: 324929 Northing: 370238	closed		yes	yes	Yes	See Aughrim Gas plant above for info		Metered Flow Rate and Estimated Volume	Closed Landfill