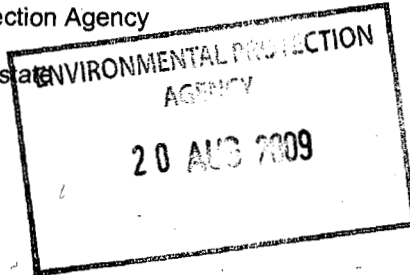




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For the attention of Ms Ewa Babiarczyk

Environmental Protection Agency
 PO Box 3000
 Johnstown Castle Estate
 Co. Wexford



19th August 2009

Our Ref: IBL0334
 File Ref: IBL0334 - D

RE: BALLYNACARRICK LANDFILL SITE

Dear Ms Babiarczyk

Further to your letter of 27th July 2009 regarding the total quantity of waste to be placed at Ballynacarrick Landfill site, we would note that the remaining waste capacity, assuming that the amount of cover material being used is 20% of the waste input, is **82,506 m³**. We have enclosed a CD containing the drawing and spreadsheet files used to calculate this figure. We have also enclosed a hard copy of this data for your information. The table below provides information on how the total quantity of waste to be filled was calculated:

Void Capacity (Based on survey dated 20 th November 2008) *	118,021 m ³
Waste Filled (20 th November 2008 – 31 st July 2009)**	15,845 m ³
Cover Material used (20% of waste filled)	3,169 m ³
Remaining Void Capacity (1 st August 2009)	99,007 m ³
Assume 20% cover material	16,501 m ³
Remaining Waste Capacity	82,506 m ³

* Void Capacity calculated using Civil 3D 2009 by Autodesk
 ** A conversion rate of 1t=1m³ has been assumed for waste materials

We trust that this is in order, however if you do have any queries do not hesitate to contact us.

Yours sincerely

Donal Doyle

Encl.

c.c. Julie McMahon, Donegal County Council
 Peadar MacRory, Donegal County Council

Ballynacarrick Landfill Site - tonnage by waste type - 20th Nov 08 - 31st July 09

	Nov	Nov 1 week (Est)	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	TOTAL
Biodegradable Kitchen & Canteen (EWC - 20 01 08)	0.000	0.000	5.720	0.740	4.460	0.540	0.000	2.880	0.000	3.820	12.440
Bulky Waste (EWC - 20 03 07)	0.000	0.000	0.120	0.220	0.000	0.000	0.320	0.000	0.000	0.000	0.540
Construction & Demolition (EWC - 17 01 07)	0.000	0.000	0.000	4.980	0.000	0.000	4.660	0.000	0.000	0.000	9.640
Garden & Park Waste (EWC - 20 02 01)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mixed Municipal Waste (EWC - 20 03 01)	660.340	165.085	1,174.140	1,130.500	977.540	1,347.017	2,005.300	1,983.494	2,095.189	2,063.837	11,602.877
Mixed Packaging Waste (EWC - 15 01 06)	154.300	38.575	221.040	249.120	186.900	297.280	182.480	214.280	211.600	210.040	1,551.700
Plastic & Cardboard Mixed (EWC - 15 01 05)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.040
Plastic Packaging (EWC - 15 01 02)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.320	0.000	0.320
Water Treatment Sludge (EWC - 19 09 99)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	182.820	22.480	533.280
Soil & Stones (EWC - 20 02 02)	130.040	32.510	0.000	0.000	0.000	0.000	41.620	0.000	0.000	0.000	1,551.700
Street Cleaning (EWC - 20 03 03)	0.220	0.055	0.000	141.080	0.000	145.280	0.000	0.000	0.320	0.000	0.040
	86.480	21.620	0.000	5.000	1.800	0.180	3.040	7.060	20.240	14.700	52.020
TOTAL WASTE:	1031.38	257.845	1,451.940	1,576.440	1,195.920	1,888.397	2,292.060	2,245.334	2,580.589	2,357.297	15,845.822
INERT COVER MATERIAL:	104.400	26.100	0.000	70.360	535.620	263.860	252.700	2,270.860	108.520	766.020	4,294.040
TOTAL WEIGHT:	1,135.780	283.945	1,451.940	1,646.800	1,731.540	2,152.257	2,544.760	4,516.194	2,689.109	3,123.317	20,139.862

Note: Inert Cover Material Figure may not represent use due to stockpiles (20% assumed as actual use)

Information from this report is to be used for planning purposes only. It is not to be used for any other use.

Ballynacarrick Landfill Site - tonnage by waste type - 20th Nov 08 - 31st July 09

	Nov	Nov 1 week (Est)	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	TOTAL
Biodegradable Kitchen & Canteen (EWC - 20 01 08)	0.000	0.000	5.720	0.740	4.460	0.540	0.000	2.880	0.000	3.820	12.440
Bulky Waste (EWC - 20 03 07)	0.000	0.000	0.120	0.220	0.000	0.000	0.320	0.000	0.000	0.000	0.540
Construction & Demolition (EWC - 17 01 07)	0.000	0.000	0.000	4.980	0.000	0.000	4.660	0.000	0.000	0.000	9.640
Garden & Park Waste (EWC - 20 02 01)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mixed Municipal Waste (EWC - 20 03 01)	660.340	165.085	1,174.140	1,130.500	977.540	1,347.017	2,005.300	1,983.494	2,095.189	2,063.837	11,602.877
Mixed Packaging Waste (EWC - 15 01 06)	154.300	38.575	221.040	249.120	186.900	297.280	182.480	214.280	211.600	210.040	1,551.700
Plastic & Cardboard Mixed (EWC - 15 01 05)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.040
Plastic Packaging (EWC - 15 01 02)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.320	0.000	0.320
Water Treatment Sludge (EWC - 19 09 99)	0.000	0.000	0.000	0.000	0.000	0.000	41.620	0.000	182.820	22.480	533.280
Soil & Stones (EWC - 20 02 02)	130.040	32.310	0.000	0.000	0.000	0.000	3.040	7.060	20.240	14.700	52.020
Street Cleaning (EWC - 20 03 03)	0.220	0.055	0.000	141.080	0.000	145.280	0.180	0.000	0.320	0.000	0.320
TOTAL WASTE:	86.480	21.620	33.680	5.000	1.800	0.180	3.040	7.060	20.240	22.480	533.280
INERT COVER MATERIAL:	1031.38	257.845	1,451.940	1,576.440	1,195.920	1,888.397	2,292.060	2,245.334	2,580.589	2,357.297	15,845.822
TOTAL WEIGHT:	1,135.780	283.945	1,451.940	1,646.800	1,731.540	2,152.257	2,544.760	4,516.194	2,689.109	3,123.317	20,139.862

Note: Inert Cover Material Figure may not represent use due to stockpiles (20% assumed as actual use)

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Bulky Waste (EWC - 20 03 07)	0.000	0.000	0.120	0.220	0.000	0.000	0.320	0.000	0.000	0.000	0.540
Construction & Demolition (EWC - 17 01 07)	0.000	0.000	0.000	4.980	0.000	0.000	4.660	0.000	0.000	0.000	9.640
Garden & Park Waste (EWC - 20 02 01)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mixed Municipal Waste (EWC - 20 03 01)	660.340	165.085	1,174.140	1,130.500	977.540	1,347.017	2,005.300	1,983.494	2,095.189	2,063.837	11,602.877
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Plastic Packaging (EWC - 15 01 02)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.320	0.000	0.320
Water Treatment Sludge (EWC - 19 09 99)	130.040	32.510	0.000	141.080	0.000	145.280	41.620	0.000	182.820	22,480	533.280
Soil & Stones (EWC - 20 02 02)	0.220	0.055	13.680	5.000	1.800	0.180	3.040	7.060	20.240	14.700	52.020
Street Cleaning (EWC - 20 03 03)	86.480	21.620	47.240	44.800	25.220	98.100	54.640	37.620	70.380	42.420	373.180
TOTAL WASTE:	1031.38	257.845	1,451.940	1,576.440	1,195.920	1,888.397	2,292.060	2,245.334	2,580.589	2,357.297	15,845.822
INERT COVER MATERIAL:	104.400	26.100	0.000	20.360	535.620	263.860	252.700	2,270.860	108.520	766.020	4,294.040
TOTAL WEIGHT:	1,135.780	283.945	1,451.940	1,646.800	1,731.540	2,152.257	2,544.760	4,516.194	2,689.109	3,123.317	20,139.862

Note: Inert Cover Material Figure may not represent use due to stockpiles (20% assumed as actual use)

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