

APPENDIX B

ESTIMATED TONNE MILE HAULAGE CALCULATIONS

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Location	Population	% of total waste	Distance to Duleek	Tonne kilometres	Distance to Dundalk	Tonne kilometres	Distance to Carrickmacross	Tonne kilometres	Distance to Navan	Tonne kilometres	Distance to Kingscourt	Tonne kilometres
Drogheda	25,282	20.81%	6.0	151,692	34.1	862,116	42.3	1,069,429	25.2	637,106	43.7	1,104,823
Dundalk	30,195	24.85%	39.0	1,177,605	1.0	30,195	22.3	673,349	51.5	1,555,043	34.0	1,026,630
Navan	12,810	10.54%	21.6	276,056	51.5	659,715	50.3	644,343	1.0	12,810	30.9	395,829
Cavan	5,623	4.63%	83.0	466,709	96.2	540,933	55.8	313,763	64.4	362,121	44.2	248,537
Monaghan	5,842	4.81%	92.1	538,048	50.0	292,100	39.8	232,512	90.0	525,780	51.4	300,279
Duleek	1,731	1.42%	1.0	1,731	42.7	73,914	52.3	90,531	18.8	32,543	53.7	92,955
Bailieborough	1,529	1.26%	59.5	90,976	46.8	71,557	24.5	37,461	40.8	62,383	12.9	19,724
Kingscourt	1,190	0.98%	53.7	63,903	34.0	40,460	11.6	13,804	30.9	36,771	1.0	1,190
Coothill	1,822	1.50%	81.9	149,222	55.1	100,392	29.6	53,931	70.9	129,180	28.4	51,745
Belturbet	1,248	1.03%	98.0	122,304	88.8	110,822	78.6	98,093	79.4	99,091	59.3	74,006
Ardee	3,791	3.12%	33.7	127,757	19.8	75,062	18.6	70,513	31.6	119,796	20.0	75,820
Ashbourne	4,999	4.11%	17.9	89,482	64.0	319,936	62.8	313,937	27.5	137,473	64.2	320,936
Laytown	3,678	3.03%	13.2	48,550	44.8	164,774	53.0	194,934	35.9	132,040	54.4	200,083
Kells	3,542	2.92%	34.7	122,907	48.5	171,187	34.3	121,491	16.1	57,026	22.7	80,403
Dunboyne	3,080	2.53%	28.6	88,088	74.6	229,768	73.4	226,072	30.6	94,248	61.5	189,420
Dunshaughlin	2,139	1.76%	24.1	51,550	69.9	149,516	68.7	146,949	18.4	39,358	49.3	105,453
Trim	4,405	3.63%	34.1	150,211	66.8	294,254	65.5	288,528	15.5	68,278	46.2	203,511
Carrickmacross	3,617	2.98%	52.3	189,169	22.3	80,659	1.0	3,617	50.3	181,935	11.6	41,957
Castleblaney	2,808	2.31%	69.3	194,594	27.2	76,378	17.0	47,736	67.3	188,978	28.7	80,590
Clones	2,170	1.79%	112.0	243,040	69.9	151,683	59.7	129,549	90.9	197,253	48.5	105,245
	121,501	100.00%		4,343,593		4,496,021		4,770,540		4,669,212		4,719,136

Location	Distance to Ashbourne	Tonne kilometres	Distance to Dunboyne	Tonne kilometres	Distance to Cavan	Tonne kilometres	Distance to Dunshaughlin	Tonne kilometres	Distance to Trim	Tonne kilometres
Drogheda	25.4	642,163	36.1	912,680	89.4	2,260,211	31.60	798,911	40.50	1,023,921
Dundalk	64.0	1,932,480	74.6	2,252,547	96.2	2,904,759	69.90	2,110,631	66.80	2,017,026
Navan	27.5	352,275	30.6	391,986	64.4	824,964	18.40	235,704	15.50	198,555
Cavan	91.6	515,067	95.0	534,185	1.0	5,623	82.80	465,584	73.70	414,415
Monaghan	102.6	599,389	113.2	661,314	46.5	271,653	108.50	633,857	105.30	615,163
Duleek	17.9	30,985	28.6	49,507	83.0	143,673	24.10	41,717	34.10	59,027
Bailieborough	68.1	104,125	71.5	109,324	31.3	47,858	59.30	90,670	50.10	76,603
Kingscourt	64.2	76,398	61.5	73,185	44.2	52,598	49.30	58,667	46.20	54,978
Coothill	92.3	168,171	101.5	184,933	22.6	41,177	89.30	162,705	80.20	146,124
Belturbet	106.7	133,162	110.0	137,280	15.0	18,720	97.80	122,054	88.70	110,698
Ardee	44.1	167,183	54.8	207,747	76.3	289,253	50.00	189,550	46.90	177,798
Ashbourne	1.0	4,999	21.9	109,478	91.6	457,908	13.60	67,986	32.40	161,968
Laytown	30.0	110,340	58.0	213,324	100.1	368,168	36.10	132,776	51.20	188,314
Kells	43.3	153,369	46.7	165,411	48.3	171,079	34.50	122,199	25.30	89,613
Dunboyne	21.9	67,452	1.0	3,080	95.0	292,600	12.20	37,576	28.80	88,704
Dunshaughlin	13.6	29,090	12.2	26,096	82.8	177,109	1.00	2,139	18.90	40,427
Trim	32.4	142,722	28.8	126,864	73.7	324,649	18.90	83,255	1.00	4,405
Carrickmacross	62.8	227,148	73.4	265,488	55.8	201,829	68.70	248,488	65.50	236,914
Castleblaney	79.8	224,078	90.4	253,843	50.5	141,804	85.70	240,646	82.60	231,941
Clones	122.5	265,825	121.6	263,872	26.6	57,722	109.40	237,398	100.20	217,434
		5,946,420		6,942,144		9,053,356		6,082,512		6,154,026

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Location	Distance to Kells	Tonne kilometres	Distance to Drogheda	Tonne kilometres	Distance to Monaghan	Tonne kilometres	Distance to Bailieborough	Tonne kilometres	Distance to Coothill	Tonne kilometres
Drogheda	41.10	1,039,090	1.00	25,282	82.10	2,075,652	56.60	1,430,961	71.90	1,817,776
Dundalk	48.50	1,464,458	34.10	1,029,650	50.00	1,509,750	46.80	1,413,126	55.10	1,663,745
Navan	16.10	206,241	25.20	322,812	90.00	1,152,900	40.80	522,648	70.90	908,229
Cavan	48.30	271,591	89.40	502,696	46.50	261,470	31.30	176,000	22.60	127,080
Monaghan	74.10	432,892	82.10	479,628	1.00	5,842	46.60	272,237	24.30	141,961
Duleek	34.70	60,066	8.70	15,060	92.10	159,425	59.50	102,995	81.90	141,769
Bailieborough	24.80	37,919	56.60	86,541	46.60	71,251	1.00	1,529	22.40	34,250
Kingscourt	22.70	27,013	43.70	52,003	51.40	61,166	12.90	15,351	28.40	33,796
Coothill	54.90	100,028	71.90	131,002	24.30	44,275	22.40	40,813	1.00	1,822
Belturbet	63.40	79,123	104.40	130,291	38.80	48,422	46.30	57,782	36.10	45,053
Ardee	28.70	108,802	23.60	89,468	58.40	224,394	33.00	125,103	48.20	182,726
Ashbourne	43.30	216,457	25.40	126,975	102.60	512,897	68.10	340,432	92.30	461,408
Laytown	51.80	190,520	10.70	39,355	92.80	341,318	67.30	247,529	82.60	303,803
Kells	1.00	3,542	41.10	145,576	74.10	262,462	24.80	87,842	54.90	194,456
Dunboyne	46.70	143,836	36.10	111,188	113.20	348,656	71.50	220,220	101.50	312,620
Dunshaughlin	34.50	73,796	31.60	67,592	108.50	232,082	59.30	126,843	98.30	210,264
Trim	25.30	111,447	40.50	178,403	105.30	463,847	50.10	220,691	80.20	353,281
Carrickmacross	34.30	124,063	42.30	152,999	39.80	143,957	24.50	88,617	29.60	107,063
Castleblaney	51.40	144,331	59.30	166,514	22.80	64,022	31.80	89,294	27.90	78,343
Clones	74.90	162,533	102.00	221,340	19.90	43,183	42.40	92,008	20.10	43,617
		4,997,747		4,074,374		8,023,972		5,672,020		7,163,060

Location	Distance to Belturbet	Tonne kilometres	Distance to Ardee	Tonne kilometres	Distance to Laytown	Tonne kilometres	Distance to Castleblaney	Tonne kilometres	Distance to Clones	Tonne kilometres
Drogheda	104.40	2,639,441	23.60	596,655	10.70	270,517	59.30	1,499,223	102.00	2,578,764
Dundalk	88.80	2,681,316	19.80	597,861	44.80	1,352,736	27.20	821,304	69.90	2,110,631
Navan	79.40	1,017,114	31.60	404,796	35.90	459,879	67.30	862,113	90.90	1,164,429
Cavan	15.00	84,345	76.30	429,035	100.10	562,862	50.50	283,962	26.60	149,572
Monaghan	38.80	226,670	58.40	341,173	92.80	542,138	22.80	133,198	19.90	116,256
Duleek	98.00	169,638	33.70	58,335	13.20	22,849	69.30	119,958	112.00	193,872
Bailieborough	46.30	70,793	33.00	50,457	67.30	102,902	31.80	48,622	42.40	64,830
Kingscourt	59.30	70,567	20.00	23,800	54.40	64,736	28.70	34,153	48.50	57,715
Coothill	36.10	65,774	48.20	87,820	82.60	150,497	27.90	50,834	20.10	36,622
Belturbet	1.00	1,248	91.30	113,942	115.10	143,645	61.60	76,877	18.90	23,587
Ardee	91.30	346,118	1.00	3,791	34.30	130,031	35.70	135,339	78.30	296,835
Ashbourne	106.70	533,393	44.10	220,456	30.00	149,970	79.80	398,920	122.50	612,378
Laytown	115.10	423,338	34.30	126,155	1.00	3,678	70.00	257,460	112.70	414,511
Kells	63.40	224,563	28.70	101,655	51.80	183,476	51.40	182,059	74.90	265,296
Dunboyne	110.00	338,800	54.80	168,784	58.00	178,640	90.40	278,432	121.60	374,528
Dunshaughlin	97.80	209,194	50.00	106,950	36.10	77,218	85.70	183,312	109.40	234,007
Trim	88.70	390,724	46.90	206,595	51.20	225,536	82.60	363,853	100.20	441,381
Carrickmacross	78.60	284,296	18.60	67,276	53.00	191,701	17.00	61,489	59.70	215,935
Castleblaney	61.60	172,973	35.70	100,246	70.00	196,560	1.00	2,808	42.70	119,902
Clones	18.90	41,013	78.30	169,911	112.70	244,559	42.70	92,659	1.00	2,170
		9,991,317		3,975,693		5,254,130		5,886,574		9,473,218