Please enter details below then click the OK button

Name of Final Recoverer / Disposer	Alba Service GmbH & Co. KG
License / Permit No. of Final Recoverer / Disposer	E56657020
Address of Final Recoverer / Disposer	
Address 1 / Street name	Kanalstrasse 64
Address 2 / Building number	.
Address 3 / City name	.
Address 4 / Postcode	48432 Rheine
Country	Germany
Address of Actual Recovery / Disposal Site	
Address 1 / Street name	Kanalstrasse 64
Address 2 / Building number	.
Address 3 / City name	.
Address 4 / Postcode	48432 Rheine
Country	Germany

Please enter a full stop "." in an address field if there is no data to be entered

Alternatively, please select from previously entered details by clicking on the row below then click OK

Name and License / Permit No.	Address of Final Recoverer / Disposer	Address of Actual Recovery / Disposal Site
EMR,EAML40099	.,.,Darlaston,England,United Kingdom	.,.,Darlaston,England,United Kingdom
Recycling Village,WP-2007-20	.,.,.,Co. Louth,Ireland	.,.,.,Co. Louth,Ireland
EWM Ltd,WFP/DS/09/0012/01	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathc	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Co. Dublin,Ireland
EMR,EAWML 40041/SL0967	Bentley Road South,.,Darlaston,England,United Kingdom	.,.,Darlaston West Midlands,WS10 8LW England,United Kingdom
Recycling Village,WFP/LH/10/W010	.,.,Monasterboice,Co. Louth,Ireland	.,.,Monasterboice,Co. Louth,Ireland
Alba Service GmbH & Co. KG,E566	Kanalstrasse 64,.,.,48432 Rheine,Germany	Kanalstrasse 64,.,.,48432 Rheine,Germany
H.J. Enthoven Ltd.,BL 5598	Darley Dale Smelter,South darley,Matlock,Derbyshire DE4 2LP ,Ur	Darley Dale Smelter,South darley,Matlock,Derbyshire DE4 2LP ,United Kingdom
EMR,EAWML 40041/SL0967	Bentley Road South,.,Darlaston West Midlands,WS10 8LW Englai	Bentley Road South,.,Darlaston West Midlands,WS10 8LW England,United Kingdom

North Kerry Landfill,W001-03 Muingnamuinane,..Tralee,Co. kerry,Ireland
North Kerry Landfill,W001-04 Muingnamuinane,..Tralee,Co. kerry,Ireland
EWM Ltd,WFP/DS/09/0012/01 Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Co. Dublin,Ireland

Please enter details below then click the OK button

Name of Recoverer / Disposer / Next Destination Facility	North Kerry Landfill
Licence / Permit No. of Recoverer / Disposer / Next Destination Facility	W001-04
Address of Recoverer / Disposer / Next Destination Facility	
Address 1 / Street name	Muingnamuinane
Address 2 / Building number	.
Address 3 / City name	Tralee
Address 4 / Postcode	Co. kerry
Country	Ireland

Please enter a full stop "." in an address field if there is no data to be entered

Alternatively, please select from previously entered details by clicking on the row below then click OK

Name and License / Permit No.	Address of Recoverer / Disposer / Broker
Killarney Waste Disposal Ltd. ,W0217-01	Aughacureen ,.,Killarney,Co Kerry,Ireland
Dillon Waste Ltd ,WFP/KY/10/0001/01	The Kerries,.,Tralee,Co Kerry,Ireland
Rehab Glassco Ltd.,WFP-KE-08-0	Caragh Road,Unit 4 Osberstown Industrial Park,Naas,Co. Kildare,Ireland
Hegarty Hammond ,WR01-2001	Tipperary Road,Ballysimon, Limerick,.,Ireland
Textile Recycling Ltd. ,WPR 014	Belgard Road,Glen Abbey Complex,Tallaght,Dublin 24,Ireland
Textile Recycling Ltd.,WPR 014	Belgard Road,Glen Abbey Complex,Tallaght,Dublin 24,Ireland
Textile Recycling Ltd. ,WPR 014	Belgard Road,Glen Abbey Complex,Tallaght,Dublin 24,Ireland
Textile Recycling Ltd. ,WPR 014	Belgard Road,Glen Abbey Complex,Tallaght,Dublin 24,Ireland
KMK Metals ,W0113-03	.,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland
Electrical Waste Management,WFI	.,,.,.,Dublin,Ireland

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR# : W0069 | Facility Name : Milltown Transfer Station | Filename : W0069 AER PRTR 2010 V1.xls | Return Year : 2010 | 11/04/2011 15:59

Please enter all quantities on this sheet in Tonnes 20

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used M/C/E	Method Used	Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Within the Country	20 01 08	No	0.78	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Killarney Waste Disposal Ltd. ,W0217-01	Aughacureen ,,,Killarney,Co Kerry,Ireland		
Within the Country	15 01 06	No	33.52	mixed packaging	R3	M	Weighed	Offsite in Ireland	Killarney Waste Disposal Ltd. ,W0217-01	Aughacureen ,,,Killarney,Co Kerry,Ireland		
Within the Country	15 01 01	No	50.48	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd ,WFP/KY/10/0001/01	The Kerries,,,Tralee,Co Kerry,Ireland		
Within the Country	20 01 01	No	149.96	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd ,WFP/KY/10/0001/01	The Kerries,,,Tralee,Co Kerry,Ireland		
Within the Country	15 01 07	No	74.92	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco Ltd.,WFP-KE 08-0957-01	Caragh Road,Unit 4 Osberstown Industrial Park,Naas,Co. Kildare,Ireland		
Within the Country	15 01 04	No	11.27	metallic packaging	R4	M	Weighed	Offsite in Ireland	Rehab Glassco Ltd.,WFP-KE 08-0957-01	Caragh Road,Unit 4 Osberstown Industrial Park,Naas,Co. Kildare,Ireland		
Within the Country	20 01 40	No	72.52	metals	R4	M	Weighed	Offsite in Ireland	Hegarty Hammond ,WR01-2001	Tipperary Road,Ballysimon, Limerick,,,Ireland		
Within the Country	15 01 02	No	25.78	plastic packaging	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd ,WFP/KY/10/0001/01	The Kerries,,,Tralee,Co Kerry,Ireland		
Within the Country	20 01 11	No	2.24	textiles	R3	M	Weighed	Offsite in Ireland	Textile Recycling Ltd. ,WPR 014	Belgard Road,Glen Abbey Complex,Tallaght,Dublin 24,Ireland		
Within the Country	20 01 34	No	0.73	batteries and accumulators other than those mentioned in 20 01 33	R4	M	Weighed	Offsite in Ireland	EWM Ltd,WFP/DS/09/0012/01	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Co. Dublin,Ireland		
To Other Countries	16 06 01	Yes	0.72	lead batteries	R4	M	Weighed	Abroad	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland	H.J. Enthoven Ltd.,BL 5598,Darley Dale Smelter,South darley,Matlock,Derbyshire DE4 2LP ,United Kingdom	Darley Dale Smelter,South darley,Matlock,Derbyshire DE4 2LP ,United Kingdom
To Other Countries	16 02 11	Yes	11.98	discarded equipment containing chlorofluorocarbons, HCFC, HFC	R4	M	Weighed	Abroad	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland	EMR,EAWML 40041/SL0967,Bentley Road ited Kingdom	,,,Darlaston West South,,,Darlaston,England,Un Midlands,WS10 8LW England,United Kingdom
Within the Country	20 01 36	No	35.99	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Offsite in Ireland	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland		
Within the Country	20 01 35	Yes	25.34	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	EWM Ltd,WFP/DS/09/0012/01	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Co. Dublin,Ireland	Recycling Village,WFP/LH/10/W010/01, ,,,Monasterboice,Co. Louth,Ireland	,,,Monasterboice,Co. Louth,Ireland
Within the Country	20 01 36	No	23.97	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Offsite in Ireland	EWM Ltd,WFP/DS/09/0012/01	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Co. Dublin,Ireland		
To Other Countries	**16 02 14**	**No**	1.89	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R4	M	Weighed	Abroad	Electrical Waste Management,WFP/DC/08/11 30/01	,,,,,Dublin,Ireland		
Within the Country	20 03 01	No	3013.36	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	North Kerry Landfill,W001-04	Muingnamuinane,,,Tralee,Co. kerry,Ireland		
To Other Countries	20 01 21	Yes	0.83	fluorescent tubes and other mercury-containing waste	R5	M	Weighed	Abroad	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland	Alba Service GmbH & Co. KG,E56657020,Kanalstrasse 64,,,,48432 Rheine,Germany	Kanalstrasse 64,,,,48432 Rheine,Germany

* Select a row by double-clicking the Description of Waste then click the delete button

Link to previous years waste data
Link to previous years waste summary data & percentage change

4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR#: W0069 | Facility Name: Milltown Transfer Station | Filename: W0069 AER PRTR 2010 V1.xls | Return Year: 2010 | 11/04/2011 15:56

SECTION A : PRTR POLLUTANTS

POLLUTANT		RELEASES TO LAND				Please enter all quantities in this section in KGs			
			METHOD						QUANTITY
No. Annex II	Name	M/C/E	Method Code	Method Used Designation or Description		Emission Point 1	T (Total) KG/Year		A (Accidental) KG/Year
							0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

POLLUTANT		RELEASES TO LAND				Please enter all quantities in this section in KGs			
			METHOD						QUANTITY
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description		Emission Point 1	T (Total) KG/Year		A (Accidental) KG/Year
							0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.2 RELEASES TO WATERS Link to previous years emissions data | PRTR# : W0068 | Facility Name : Milltown Transfer Station | Filename : W0069 AER PRTR 2010 V1.xls | Return Year : 2010 | 11/04/2011 15:56

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS Data on ambient monitoring of storm/surface water or groundwater conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

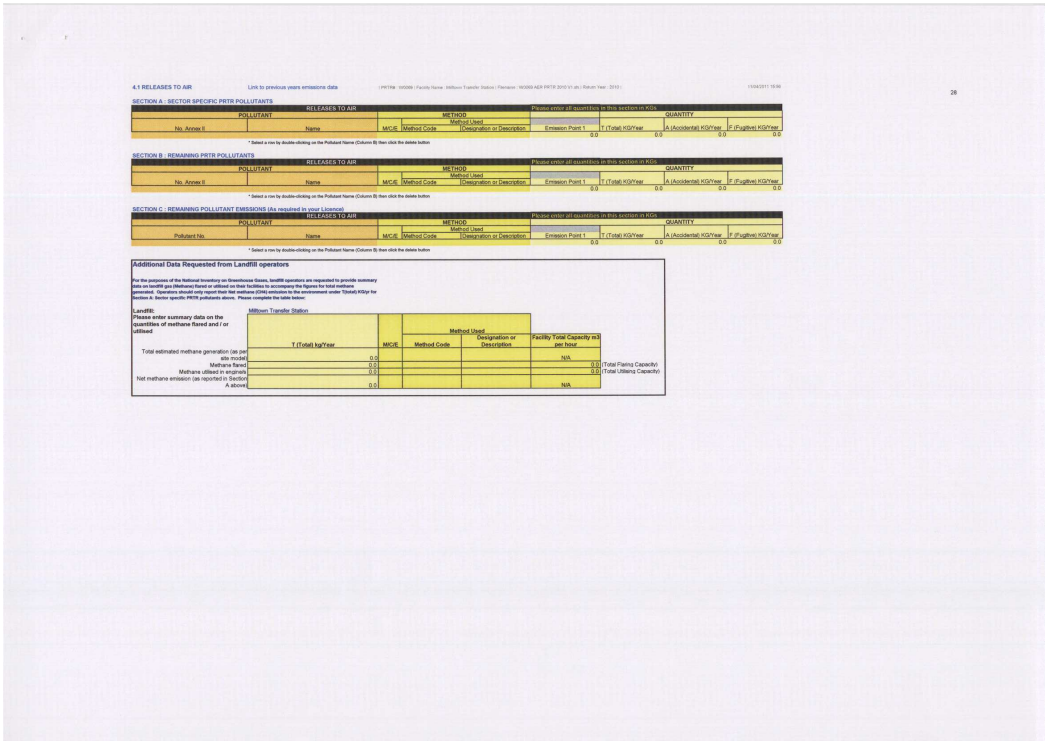
RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button



4.1 RELEASES TO AIR Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR			METHOD		Please enter all quantities in this section in KGs	QUANTITY		
POLLUTANT			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR			METHOD		Please enter all quantities in this section in KGs	QUANTITY		
POLLUTANT			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR			METHOD		Please enter all quantities in this section in KGs	QUANTITY		
POLLUTANT			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane emissions. Operators should only report their Net release (CH4) emissions to the environment under 'Total(s) KG/yr for Section A. Sector specific PRTR pollutants above. Please complete the table below.

LandfIll: Milltown Transfer Station

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used: Method Code	Method Used: Designation or Description	Facility Total Capacity m3 per hour	
Total estimated methane generation (as per site model)	0.0				N/A	
Methane flared	0.0				0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A	

Appendix IV - AER/PRTR Return 2010

epa
Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.11

REFERENCE YEAR	2010

1. FACILITY IDENTIFICATION

Parent Company Name	Kerry County Council
Facility Name	Milltown Transfer Station
PRTR Identification Number	W0069
Licence Number	W0069-01

Waste or IPPC Classes of Activity

No.	class_name
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
	Blending or mixing prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.13	
4.1	Solvent reclamation or regeneration.
	Recovery or regeneration of any substance used for any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.13	
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Ballyvirane
Address 2	Milltown
Address 3	Co. Kerry
Address 4	
Country	Ireland
Coordinates of Location	9.70743 52.1285
River Basin District	IESW
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Brian Lennon (W0069)
AER Returns Contact Email Address	blennon@kerrycoco.ie
AER Returns Contact Position	Executive Engineer
AER Returns Contact Telephone Number	066 7162000
AER Returns Contact Mobile Phone Number	087 8172883
AER Returns Contact Fax Number	066 7162001
Production Volume	0.0
Number of Installations	
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	0
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption?	No
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

Appendix III - Landfill Gas Summary

Milltown Waste Transfer Station

Monitoring of Landfill Gas Levels

Date	Ref.	CH_4 % v/v	CO_2 % v/v	O_2 % v/v	Atm. Pressure Mbar	Temperature Degrees Celsius
6/10/08	L1	19.6	6.4	7.8	1005	13
	L2	24.7	10.3	6.1	1005	13
11/5/09	L1	22.6	8.7	6.8	1008	17
	L2	18.1	8.2	6.4	1008	17
3/12/09	L1	24.2	7.8	7.1	1004	7
	L2	19.6	10.2	8.6	1004	7
20/4/10	L1	3.4	1.7	17.8	1015	14
30/3/11	L1	2.6	0.6	19.6	999	12

Note: L2 is no longer monitored as agreed with EPA

Milltown	Sw4b	83094.9	98829.5	2010/4735	12-Oct-10	15:00	0.39	6.4	11.2	258	99	24.5	***2.2***	***71***	13

Table 2 Surface Water Monitoring Results

Milltown	Sw4b	83094.9	98829.5	2004/1700	14-Apr-04	10:57	***4.38***	7	***20.6***	373	21		***3***	9	10.9		
Milltown	Sw4b	83094.9	98829.5	2004/5209	06-Oct-04	11:03	***5.35***	7	1.5	372	33	32	***2.8***	3	11.4		
Milltown	Sw4b	83094.9	98829.5	2005/0381	19-Jan-05	14:30	***6.88***	6.9	< 1	422	26	45	***3.7***	2	10.5		
Milltown	Sw4b	83094.9	98829.5	2005/1913	19-Apr-05	10:40	< 0.02	7	3	286	77	32	7	***82***	8.4		
Milltown	Sw4b	83094.9	98829.5	2005/3599	14-Jul-05	12:20	0.07	7.1	***24.9***	381	223	42	***4.8***	***282***	17		
Milltown	Sw4b	83094.9	98829.5	2005/5372	18-Oct-05	12:31	0.45	7.1	1.4	324	20	32	5.2	7	12.9	***7***	***5790***
Milltown	Sw4b	83094.9	98829.5	2006/0501	31-Jan-06	11:45	4.75	7.2	< 1	403	11	31	***3.6***	< 1	4.8		
Milltown	Sw4b	83094.9	98829.5	2006/1670	20-Apr-06	14:11	0.25	6.9	< 1	337	52	32	***4***	3	10.4		
Milltown	Sw4b	83094.9	98829.5	2006/3666	03-Aug-06	15:24	0.29	7.2	6.9	394	69	37	***1.9***	***90***	17.2		
Milltown	Sw4b	83094.9	98829.5	2006/5001	12-Oct-06	14:20	1.88	6.9	2.5	365	225	32	***3.9***	8	15.1	***> 48390***	***> 48390***
Milltown	Sw4b	83094.9	98829.5	2007/0624	01-Feb-07	11:45	4.39	6.7	< 1	412	27	31	5.1	< 1	9.7		
Milltown	Sw4b	83094.9	98829.5	2007/1946	17-Apr-07	14:10	0.03	6.8	1.2	338	27	31	6.4	7	13.5		
Milltown	Sw4b	83094.9	98829.5	2007/3902	19-Jul-07	12:10	0.29	6.8	***15***	235	493	29	***3.5***	***480***	16.4		
Milltown	Sw4b	83094.9	98829.5	2007/5812	25-Oct-07	14:15	2.37	6.2	2.7	300	20	33	6.9	4	11.5	***272***	***> 2419***
Milltown	Sw4b	83094.9	98829.5	2008/0020	03-Jan-08	10:25	***3.65***	6.9	***10.6***	380	27	37	***4.2***	4	7.5		
Milltown	Sw4b	83094.9	98829.5	2008/1611	03-Apr-08	11:05	0.27	6.1	1.5	314	15	33	***4.2***	2	11.9		
Milltown	Sw4b	83094.9	98829.5	2008/3688	17-Jul-08	10:40	***3.06***	7.2	< 1	286	17	30	9.9	6	17.4		
Milltown	Sw4b	83094.9	98829.5	2008/5853	04-Nov-08	15:30	0.03	***5.8***	1.1	189	23	28	5.4	2	9.5	***4***	***96***
Milltown	Sw4b	83094.9	98829.5	2009/0089	07-Jan-09	14:40	< 0.02	***5.9***	< 1	207	16	30	***3.6***	4	6.1	***0***	***48***
Milltown	Sw4b	83094.9	98829.5	2009/1945	07-Apr-09	11:40	0.13	6.6	2.2	222	33	26	9.5	18	11		
Milltown	Sw4b	83094.9	98829.5	2009/5156	01-Oct-09	11:15	0.51	6.2	7.8	295	123	39	5.9	***3000***	12.9		
Milltown	Sw4b	83094.9	98829.5	2010/0201	20-Jan-10	11:11	0.99	6.7	5.5	296	58	23	***4.2***	***101***	4.9		
Milltown	Sw4b	83094.9	98829.5	2010/1487	08-Apr-10	14:50	< 0.02	6.3	2	182	37	24	9.1	6	10.8		
Milltown	Sw4b	83094.9	98829.5	2010/3122	14-Jul-10	15:50	0.48	6.7	6.4	198	59	20	***2.9***	7	15.2	***4106***	***38550***

Milltown	Sw3c	83098.1	98785.1	2006/5000	06 12-Oct-06	14:10	***4.35***	6.7	3.8	347	260	26.5	***4.4***	***24***	15.5	***> 48390***	***> 48390***
Milltown	Sw3c	83098.1	98785.1	2007/0623	01-Feb-07	11:40	0.09	6.5	< 1	439	18	33	5	4	9.9		
Milltown	Sw3c	83098.1	98785.1	2007/1945	17-Apr-07	13:50	***5.33***	6.6	2.9	373	24	31	6.3	17	15		
Milltown	Sw3c	83094.9	98829.5	2007/3901	19-Jul-07	12:02	***5.11***	6.8	3.2	368	51	25	***3.2***	***118***	17.6		
Milltown	Sw3c	83098.1	98785.1	2007/5811	25-Oct-07	13:55	***3.64***	6.6	4	285	61	30	***4.8***	***83***	12.1	***2419***	***> 2419***
Milltown	Sw3c	83098.1	98785.1	2008/0019	03-Jan-08	10:19	***6.22***	6.6	***17.6***	403	59	38.5	5.1	***86***	7.2		
Milltown	Sw3c	83098.1	98785.1	2008/1610	03-Apr-08	10:55	***3.02***	6.5	1.2	318	29	32	***4.5***	***32***	12.3		
Milltown	Sw3c	83098.1	98785.1	2008/3687	17-Jul-08	10:36	***5.05***	7	< 1	329	18	30	5.8	7	15.7		
Milltown	Sw3c	83098.1	98785.1	2008/5852	04-Nov-08	15:20	***1.24***	6.2	2	232	22	28	6.5	10	10.1	***126***	***1968***
Milltown	Sw3c	83098.1	98785.1	2009/0088	07-Jan-09	14:10	***1.09***	6	1.4	253	11	30	6.6	2	7.2	***9***	***1986***
Milltown	Sw3c	83098.1	98785.1	2009/1944	07-Apr-09	11:28	0.33	6.5	***10.5***	232	110	28.5	10.3	12	11		
Milltown	Sw3c	83098.1	98785.1	2009/3604	08-Jul-09	15:36	0.06	6.8	***13.5***	234	136	24	6.3	***302***	19.4		
Milltown	Sw3c	83098.1	98785.1	2009/5155	01-Oct-09	11:05	0.15	6.3	1.5	233	14	28	5.1	***70***	13.8		
Milltown	Sw3c	83098.1	98785.1	2010/0200	20-Jan-10	11:00	0.08	6.1	1.4	218	17	40	***3.4***	2	7		
Milltown	Sw3c	83098.1	98785.1	2010/1486	08-Apr-10	14:45	0.02	6.1	< 1	191	33	22	5.4	2	10.3		
Milltown	Sw3c	83098.1	98785.1	2010/3121	14-Jul-10	15:35	***1.9***	6.7	5.5	269	77	30	***2.2***	***22***	15.2	***11588***	***98800***
Milltown	Sw3c	83098.1	98785.1	2010/4734	12-Oct-10	14:45	***1.02***	6.8	1.8	328	66	25.5	5.6	5	12.5		
Milltown	Sw4b	83094.9	98829.5	2003/0145	15-Jan-03	11:30	< 0.02	6.4	< 1	202	19	32.5	7.4	2	7.9		
Milltown	Sw4b	83094.9	98829.5	2003/1917	16-Apr-03	11:45	0.14	6.4	7.4	180	71	28	***4.4***	***80***	15.8		
Milltown	Sw4b	83094.9	98829.5	2003/3653	09-Jul-03	12:02	< 0.02	6.7	***17***	243	325	30	6.6	***341***	14.4		
Milltown	Sw4b	83094.9	98829.5	2003/5457	01-Oct-03	14:40	***6.71***	7.2	1.9	460	39	40	***4.9***	***31***	13.4	***0***	***7701***
Milltown	Sw4b	83094.9	98829.5	2004/0472	28-Jan-04	13:25	***13***	7	***14.4***	506	41	44	***4.4***	7	6.8		

Milltown	Sw3a	83101.3	98726.3	2009/0087	07-Jan-09	14:00	< 0.02	7.1	< 1	218	< 10	30	5.6	2	8.6	***4***	***187***
Milltown	Sw3a	83101.3	98726.3	2009/1942	07-Apr-09	11:09	0.09	6.1	3	209	41	26	***1.2***	***29***	10.8		
Milltown	Sw3a	83101.3	98726.3	2009/3603	08-Jul-09	14:54	0.45	7.7	5.5	363	79	21	10.3	22	23.1		
Milltown	Sw3a	83101.3	98726.3	2009/5154	01-Oct-09	10:40	0.2	6.2	3.1	228	34	30	***2***	***327***	13.9		
Milltown	Sw3a	83101.3	98726.3	2010/0199	20-Jan-10	10:43	0.03	6	2.1	219	14	34	***2.8***	2	6.1		
Milltown	Sw3a	83101.3	98726.3	2010/1485	08-Apr-10	14:30	0.03	6.1	5.8	180	56	24.5	9.4	18	12		
Milltown	Sw3a	83101.3	98726.3	2010/3120	14-Jul-10	15:10	0.69	6.6	***16.3***	132	46	16	***3.4***	***30***	15.4	***82300***	***2419600***
Milltown	Sw3a	83101.3	98726.3	2010/4733	12-Oct-10	14:30	0.78	6.6	***15.6***	257	227	28	***3.7***	***160***	11.9		
Milltown	Sw3c	83098.1	98785.1	2003/0144	15-Jan-03	11:20	***11.3***	7.1	> 8	448	43	37.5	8	***23***	7.1		
Milltown	Sw3c	83098.1	98785.1	2003/1916	16-Apr-03	11:25	***11***	6.8	2.5	387	24	31.5	9.3	9	15.5		
Milltown	Sw3c	83098.1	98785.1	2003/3652	09-Jul-03	11:53	***12.8***	7	***25.7***	436	29	34.5	***2.2***	***29***	16.7		
Milltown	Sw3c	83098.1	98785.1	2003/5456	01-Oct-03	14:35	***27.8***	7.4	2	648	27	44	***4.9***	17	13.2	***0***	***2755***
Milltown	Sw3c	83098.1	98785.1	2004/0471	28-Jan-04	13:12	***13***	6.8	8.5	488	32	40	7.3	12	7.8		
Milltown	Sw3c	83098.1	98785.1	2004/1699	14-Apr-04	10:52	***6.91***	6.9	3.6	378	22		6.9	9	11.3		
Milltown	Sw3c	83098.1	98785.1	2004/3709	21-Jul-04	14:46	***13.1***	6.8	3.4	470	44	32.5	***2.5***	***69***	15.6	***7***	***> 2419***
Milltown	Sw3c	83098.1	98785.1	2004/5208	06-Oct-04	11:00	***7.38***	7.2	1.4	361	35	32	***3.5***	6	11.7		
Milltown	Sw3c	83098.1	98785.1	2005/0380	19-Jan-05	14:52	***7.56***	6.8	< 1	416	24	39.5	***4.9***	4	10.6		
Milltown	Sw3c	83098.1	98785.1	2005/1912	19-Apr-05	10:29	***3.96***	7	1.4	292	45	30	8.6	***68***	9.6		
Milltown	Sw3c	83098.1	98785.1	2005/3598	14-Jul-05	12:11	***6.56***	7	3.4	394	30	33	***4.9***	***48***	17.5		
Milltown	Sw3c	83098.1	98785.1	2005/5371	18-Oct-05	12:22	***4.81***	7.1	1.4	364	19	29	5.7	3	12.5	***161***	***9800***
Milltown	Sw3c	83098.1	98785.1	2006/0500	31-Jan-06	11:37	***8.25***	6.7	< 1	401	13	31	***4.7***	5	6		
Milltown	Sw3c	83098.1	98785.1	2006/1669	20-Apr-06	14:05	***4.56***	6.7	< 1	349	11	32	5.2	2	10.6		
Milltown	Sw3c	83098.1	98785.1	2006/3665	03-Aug-	15:12	***6.82***	6.7	3.8	500	23	34.5	***1.9***	***84***	18.8		

					03				26								
Milltown	Sw3a	83101.3	98726.3	2003/1915	16-Apr-03	11:20	0.03	6.4	4.7	199	60	26.5	8.2	***58***	14.6		
Milltown	Sw3a	83101.3	98726.3	2003/3651	09-Jul-03	11:35	< 0.02	6.3	7.2	224	28	22.5	***3.4***	***63***	16.1		
Milltown	Sw3a	83101.3	98726.3	2003/5455	01-Oct-03	14:25	0.29	7	***27.3***	266	146	25	***3.5***	***153***	14	***156***	***> 24190***
Milltown	Sw3a	83101.3	98726.3	2004/0470	28-Jan-04	13:02	< 0.02	6.2	6.8	206	13	32	8.2	7	8		
Milltown	Sw3a	83101.3	98726.3	2004/1698	14-Apr-04	10:48	< 0.02	6.4	1.9	216	< 10		8.7	1	11		
Milltown	Sw3a	83101.3	98726.3	2004/3708	21-Jul-04	14:22	0.05	6.7	5.6	238	22	26	***4.8***	***21***	16.8	***365***	***14140***
Milltown	Sw3a	83101.3	98726.3	2004/5207	06-Oct-04	10:50	< 0.02	6.5	1.3	215	38	26	***4.6***	15	12.7		
Milltown	Sw3a	83101.3	98726.3	2005/0379	19-Jan-05	15:07	< 0.02	6.2	< 1	207	14	32	7.9	4	10.1		
Milltown	Sw3a	83101.3	98726.3	2005/1911	19-Apr-05	09:52	< 0.02	6.4	5.2	191	23	26	9.5	***30***	10		
Milltown	Sw3a	83101.3	98726.3	2005/3597	14-Jul-05	11:56	0.11	6.4	***14.5***	236	73	30	***2.9***	***214***	17		
Milltown	Sw3a	83101.3	98726.3	2005/5370	18-Oct-05	12:14	0.15	6.8	3.8	264	24	24	***4.4***	***22***	13.4	***345***	***5480***
Milltown	Sw3a	83101.3	98726.3	2006/0499	31-Jan-06	11:48	< 0.02	6.3	1.4	216	< 10	27	6.6	15	7.6		
Milltown	Sw3a	83101.3	98726.3	2006/1668	20-Apr-06	13:57	< 0.02	6.2	1	198	< 10	26	6	4	11		
Milltown	Sw3a	83101.3	98726.3	2006/3664	03-Aug-06	15:05	1.58	6.5	***20***	374	206	50.5	***2.2***	***102***	19.3		
Milltown	Sw3a	83101.3	98726.3	2006/4999	12-Oct-06	14:00	0.05	6.2	2.3	215	117	26	***3.4***	***22***	15.9	***31060***	***> 48390***
Milltown	Sw3a	83101.3	98726.3	2007/0622	01-Feb-07	11:32	< 0.02	***5.8***	< 1	221	13	29	6.8	2	9.8		
Milltown	Sw3a	83101.3	98726.3	2007/1944	17-Apr-07	14:00	0.16	6.4	> 8	262	85	33	8.6	***62***	13.9		
Milltown	Sw3a	83098.1	98785.1	2007/3900	19-Jul-07	11:23	0.62	6.8	***17***	269	152	29	***< 1***	***96***	17.4		
Milltown	Sw3a	83101.3	98726.3	2007/5810	25-Oct-07	14:30	0.13	6.2	8.3	202	145	31	5.5	***92***	11.3	***1986***	***> 2419***
Milltown	Sw3a	83101.3	98726.3	2008/0018	03-Jan-08	10:11	0.04	6	< 1	211	20	30.5	***4.7***	12	7.8		
Milltown	Sw3a	83101.3	98726.3	2008/1609	03-Apr-08	10:50	< 0.02	***5.9***	4.6	210	24	29	8.9	***35***	12		
Milltown	Sw3a	83101.3	98726.3	2008/3686	17-Jul-08	10:32	0.06	6.6	1	222	< 10	26.5	***4.6***	5	15.8		
Milltown	Sw3a	83101.3	98726.3	2008/5851	04-Nov-08	15:10	0.1	6	***30.4***	205	232	29	5.5	***259***	10.1	***402***	***13734***

Milltown	Sw2	83053.4	98800	2005/0378	19-Jan-05	15:17	0.05	6.3	3	212	31	34	7.1	***33***	10.5		
Milltown	Sw2	83053.4	98800	2005/1910	19-Apr-05	10:14	< 0.02	6.1	> 8	222	99	35	11.5	***65***	6.4		
Milltown	Sw2	83053.4	98800	2005/3596	14-Jul-05	11:42	0.05	6.5	***14.2***	223	184	44	***2.8***	***130***	17.5		
Milltown	Sw2	83053.4	98800	2005/5369	18-Oct-05	12:01	0.21	6.5	8.3	285	59	33	5	12	12.5	***687***	***24190***
Milltown	Sw2	83053.4	98800	2006/0498	31-Jan-06	11:38	< 0.02	6	2.6	203	23	30	8.8	18	2.5		
Milltown	Sw2	83053.4	98800	2006/1666	20-Apr-06	13:46	< 0.02	***5.9***	1.5	184	36	27	6.7	7	10.7		
Milltown	Sw2	83053.4	98800	2006/3663	03-Aug-06	14:50	0.17	6.4	***14.3***	251	156	37	***2.7***	***89***	16.2		
Milltown	Sw2	83053.4	98800	2006/4998	12-Oct-06	14:30	0.08	***5.4***	3	207	330	22.5	5.7	***18***	14.7	***28***	***39726***
Milltown	Sw2	83053.4	98800	2007/0621	01-Feb-07	11:23	< 0.02	***5.4***	2.2	204	75	31	6.2	***43***	9.9		
Milltown	Sw2	83053.4	98800	2007/1943	17-Apr-07	14:20	0.04	6.3	3.7	180	45	29	9.1	***31***	16.8		
Milltown	Sw2	83053.4	98800	2007/3899	19-Jul-07	11:42	0.43	6.8	***73***	269	1286	28	***< 1***	***1785***	16.8		
Milltown	Sw2	83053.4	98800	2007/5809	25-Oct-07	13:40	0.04	6.1	2.4	204	49	29	9.1	18	9.3	***2***	***> 2419***
Milltown	Sw2	83053.4	98800	2008/0017	03-Jan-08	09:48	0.04	6	1	179	33	31	6.2	16	5.6		
Milltown	Sw2	83053.4	98800	2008/1608	03-Apr-08	10:45	0.04	***5.9***	1.4	190	17	28	6.9	9	12.5		
Milltown	Sw2	83053.4	98800	2008/5850	04-Nov-08	15:00	0.11	6.1	5.5	175	86	29.5	6.7	***86***	8.8	***148***	***580***
Milltown	Sw2	83053.4	98800	2009/0086	07-Jan-09	14:20	< 0.02	7.2	2.9	205	28	32	5.7	***31***	5.3	***0***	***205***
Milltown	Sw2	83053.4	98800	2009/1943	07-Apr-09	11:15	0.04	6	1.9	164	41	28.5	***4.3***	***20***	10		
Milltown	Sw2	83053.4	98800	2009/5153	01-Oct-09	10:32	0.12	6.2	3.4	190	27	31	***1.9***	***418***	12.9		
Milltown	Sw2	83053.4	98800	2010/0198	20-Jan-10	10:55	< 0.02	***5.8***	2.1	131	38	23	7.9	***21***	4		
Milltown	Sw2	83053.4	98800	2010/1484	08-Apr-10	14:20	< 0.02	6	5.5	154	57	21	11.9	***28***	12.3		
Milltown	Sw2	83053.4	98800	2010/3119	14-Jul-10	15:05	0.18	6.5	16.5	157	185	20	5.4	***116***	14.1	***432***	***214300***
Milltown	Sw2	83053.4	98800	2010/4732	12-Oct-10	14:20	0.04	6.3	14	206	117	26.5	***3.2***	***82***	12.2		
Milltown	Sw3a	83101.3	98726.3	2003/0143	15-Jan-	11:00	0.51	6.4	>	248	88	33.5	8.4	***33***	7.7		

Landfill	Location	Eastings	Northings	Sample Reference	Sample Date	Sample Time	Ammonium (NH4)	pH	BOD (O2)	Conductivity @ 20 oC	Chemical Oxygen Demand (O2)	Chloride (Cl)	Dissolved Oxygen (O2)	Suspended Solids	Temperature	Faecal Coliforms	Total Coliforms
							mg/l	*pH units*	*mg/l*	*µS/cm*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*Degrees C*	*no./100mls*	*no./100mls*
Milltown	Sw1	83018.5	98692.1	2010/0197	20-Jan-10	11:20	< 0.02	6.8	1.1	120	40	13	10.1	5	2.4		
Milltown	Sw1	83018.5	98692.1	2010/1488	08-Apr-10	15:25	< 0.02	8.1	1.9	160	42	6	13.9	2	12.3		
Milltown	Sw2	83053.4	98800	2003/0142	15-Jan-03	11:25	0.1	6.2	< 1	209	14	33	7.3	2	7.1		
Milltown	Sw2	83053.4	98800	2003/1914	16-Apr-03	11:40	< 0.02	6.3	1.3	186	23	29.5	7.9	4	14.2		
Milltown	Sw2	83053.4	98800	2003/3650	09-Jul-03	11:45	< 0.02	6.4	3.1	207	10	31.5	6.6	5	16.4		
Milltown	Sw2	83053.4	98800	2003/5454	01-Oct-03	14:15	0.06	6.6	9.4	232	36	45	***4.2***	***121***	12.5	***10***	***7701***
Milltown	Sw2	83053.4	98800	2004/0469	28-Jan-04	12:46	< 0.02	***5.5***	2.6	208	21	32	10.6	12	6.3		
Milltown	Sw2	83053.4	98800	2004/1697	14-Apr-04	11:10	< 0.02	6.2	4.3	171	25		6.9	16	11.1		
Milltown	Sw2	83053.4	98800	2004/3707	21-Jul-04	14:09	0.05	6.6	7.1	222	70	29	***4.5***	***38***	16.1	***70***	***2419***
Milltown	Sw2	83053.4	98800	2004/5206	06-Oct-04	11:10	0.11	***5.8***	1.7	181	65	30	***3.7***	5	11		

Milltown	Fe1	2005/5323	13-Oct-05	15:12	0.46	6.9	1.8	385	35	1	13.6	< 1	None Detected
Milltown	Fe1	2006/0512	31-Jan-06	13:46	0.05	6.7	< 1	395	48	***22***	8	< 1	None Detected
Milltown	FE1	2006/1671	20-Apr-06	14:20	0.08	6.6	1.4	294	35	1	11.5	1.2	None Detected
Milltown	Fe1	2006/3667	03-Aug-06	15:33	4.3	6.7	*22*	1068	96	17	18.7	9	sl. sewage
Milltown	Fe1	2006/5002	12-Oct-06	14:40	4.58	6.6	*57*	554	328	***35***	16.1	8	None Detected
Milltown	Fe1	2007/0625	01-Feb-07	11:58	3.49	6.4	3.5	498	163	***101***	9.6	3	Peaty
Milltown	Fe1	2007/1947	17-Apr-07	14:30	7.78	6.9	10.5	431	41	16	13.5	3	ND
Milltown	Fe1	2007/3908	19-Jul-07	11:07	0.59	6.6	6.3	343	48	12	16.4	6.8	N/D
Milltown	Fe1	2007/5814	25-Oct-07	13:30	8.75	6.5	3.8	488	222	11	13.5	10	V. sl.musty
Milltown	Fe1	2008/0021	03-Jan-08	09:39	0.7	6.8	3.7	300	40	***21***		16	N/D
Milltown	Fe1	2008/1612	03-Apr-08	10:35	0.18	6.7	2.3	341	60	7		6.3	N/D
Milltown	Fe1	2008/3926	28-Jul-08	10:55	1	7.2	5.4	442	90	***90***	14	< 2	None
Milltown	Fe1	2008/6327	25-Nov-08	15:15	0.06	7.3	2.3	737	70	***34***	10	***33.6***	ND
Milltown	Fe1	2009/0507	27-Jan-09	16:15	< 0.02	6.9	< 1	880	67	***26***	7.8	3.2	ND
Milltown	Fe1	2009/1941	07-Apr-09	11:00	3.88	6.8	8.8	328	70	20	10.4	2.5	slightly,oily
Milltown	Fe1	2009/4592	01-Sep-09	15:30	< 0.02	7.3	1.9	874	123	54	15.9	19.3	ND
Milltown	Fe1	2009/6067	26-Nov-09	15:00	< 0.02	7.2	2.7	679	81	12		< 2	ND
Milltown	Fe1	2010/1489	08-Apr-10	14:15	< 0.02	6.8	1.7	222	58	7	10.3	< 2	ND
Milltown	Fe1	2010/1732	22-Apr-10	10:52	1.88	6.4	1.1	363	49	4	9.5	< 2	None
Milltown	Fe1	2010/3124	14-Jul-10	15:15	3.58	6.7	17.6	294	86	5	15.5	2.1	Sl. sewage(ammonia)
Milltown	Fe1	2010/4822	18-Oct-10	16:30	5.65	7.6	4.2	416	38	20		***189***	ND

Table 1 Foul Water Monitoring Results

Landfill	Location	Sample Reference	Sample Date	Sample Time	Ammonium (NH4)	pH	BOD (O2)	Conductivity @ 20 oC	Chemical Oxygen Demand (O2)	Suspended Solids	Temperature	Oils/Fats & Grease	Odour
					mg/l	*pH units*	*mg/l*	*µS/cm*	*mg/l*	*mg/l*	*Degrees C*	*mg/l*	*Descriptive*
Milltown	Fe1	2003/0155	15-Jan-03	11:15	9.8	*5.3*	*954*	1000	1428	***105***		***70***	Sour/Sharp/Acidic
Milltown	Fe1	2003/1918	16-Apr-03	12:00	0.8	7	9.5	219	31	***21***	15.3	9	musty
Milltown	Fe1	2003/3654	09-Jul-03	12:00	*37.4*	7.3	18.9	602	64	12	20.8	3.5	Slightly oily
Milltown	Fe1	2003/5458	01-Oct-03	15:00	*22.3*	7.4	10.1	474	50	17.5	16	2	earthy odour
Milltown	Fe1	2004/0482	28-Jan-04	13:30	4.89	6.6	3.6	216	62	8	7.8	15	earthy
Milltown	Fe1	2004/1701	14-Apr-04	10:40	< 0.02	7	1.3	355	36	< 1	11	9	None Detected
Milltown	Fe1	2004/3710	21-Jul-04	14:52	0.02	6.4	1.9	250	48	1	16.9	1.5	None Detected
Milltown	Fe1	2004/5210	06-Oct-04	10:37	< 0.02	6.8	< 1	252	23	< 1	13.4	6	None Detected
Milltown	Fe1	2005/0382	19-Jan-05	14:40	0.14	6.9	< 1	379	19	2	10	1	None Detected
Milltown	Fe1	2005/1909	19-Apr-05	12:56	< 0.02	7.1	< 1	233	27	< 1	11	9.5	None Detected
Milltown	Fe1	2005/3600	14-Jul-05	12:35	3.62	6.8	22.7	416	81	14	16.5	1.2	Anaerobic/Sewage

Appendix II - Results of Foul and Surface Water Monitoring

Attn: Brian Lennon EE Waste Management **Friday, 28 January 2011**
Re: LABORATORY Results for Milltown Transfer stations: 2010

Enclosed are results (2003 – date) of monitoring of designated Surface water points and Foul emission point sampled as set out in EPA licence conditions for ***MILLTOWN transfer station.*** The latest results are for July – Dec 2010.

Evidence of contamination are still been noted at SW3c and SW4b.
Surface water contamination however in the main would indicate impact from old landfill activities. Further investigation as done for Caherciveen will be carried out here.

Results of samples from foul emissions exhibited no significant exceedances of limits during this reporting period

David Lenihan MSc

Senior Executive Chemist

waste mineral oils (lubrication, vehicle, machine etc.)	*13 xx xx*	
oil filters (vehicles)		-
oil containers (mineral oil) - plastic + metal		-
waste cooking or vegetable oils	*20 01 25*	
aerosols	*20 03 99*	-
waste paint and varnish (including containers)		
WEEE (Total)	various	99.17
if segregated, provide the breakdown of WEEE in the next five rows		
fridges and freezers	*20 01 35*; 20 01 36; 16 02 11*; 16 02 14*	*11.98*
white goods (electrical and electronic)	*20 01 36; 16 02 14*	*35.99*
televisions and PC monitors	*20 01 35*; 16 02 13*;*	*25.34*
ICT- Information and Communications Technology Equipment, e.g. Includes Computer Equipment	*16 02 14*	*1.89*
other electrical and electronic equipment, e.g. White Goods incl. Washing Machines, Dryersetc, TVs, PCs, Small Items incl. toasters Radios	*20 01 36; 20 01 35**	*23.97*
Gas Cylinders		
C& D Rubble		
fluorescent tubes and lighting	*20 01 21**	-
Tyres	*16 01 03*	
bulky waste (provide summary below of waste types), e.g. Furniture, Mattresses, Mixed Bulky Waste	20 03 07	-

if segregated, provide the breakdown of metals in the next four rows		
aluminium cans (packaging)	*15 01 04*	*3.06*
steel cans (packaging)	*15 01 04*	*8.21*
other metal packaging	*15 01 04*	
other metals (non-packaging)(scrap)	*20 01 40*	*72.52*
plastic (Total)	15 01 02; 20 01 39	25.78
if segregated, provide the breakdown of plastic waste in the next two rows		
plastic packaging(bottles)	*15 01 02*	*25.78*
plastic non-packaging	*20 01 39*	-
textiles (Total)	15 01 09; 20 01 11	2.24
if segregated, provide the breakdown of textiles in the next two rows		
textiles, packaging	15 01 09	-
textiles, non-packaging	20 01 11	2.24
wood (Total)	15 01 03; 20 01 38; 20 01 37*	-
if segregated, provide the breakdown of wood waste in the next four rows		
wood packaging	15 01 03	-
wood non-packaging	20 01 38	-
mixed, uncontaminated wood packaging and non-packaging	15 01 03; 20 01 38	-
wood, treated, hazardous	20 01 37*	-
miscellaneous hazardous waste (Total)		1.45
small batteries	*20 01 34; 20 01 33**	*0.73*
lead acid batteries (Car Batteries)	*16 06 01**	*0.72*
Ni-Cd batteries and Accumulators	*16 06 02**	

Appendix I - Waste Collected at Milltown Transfer Station for Recovery/Recycling during reporting period

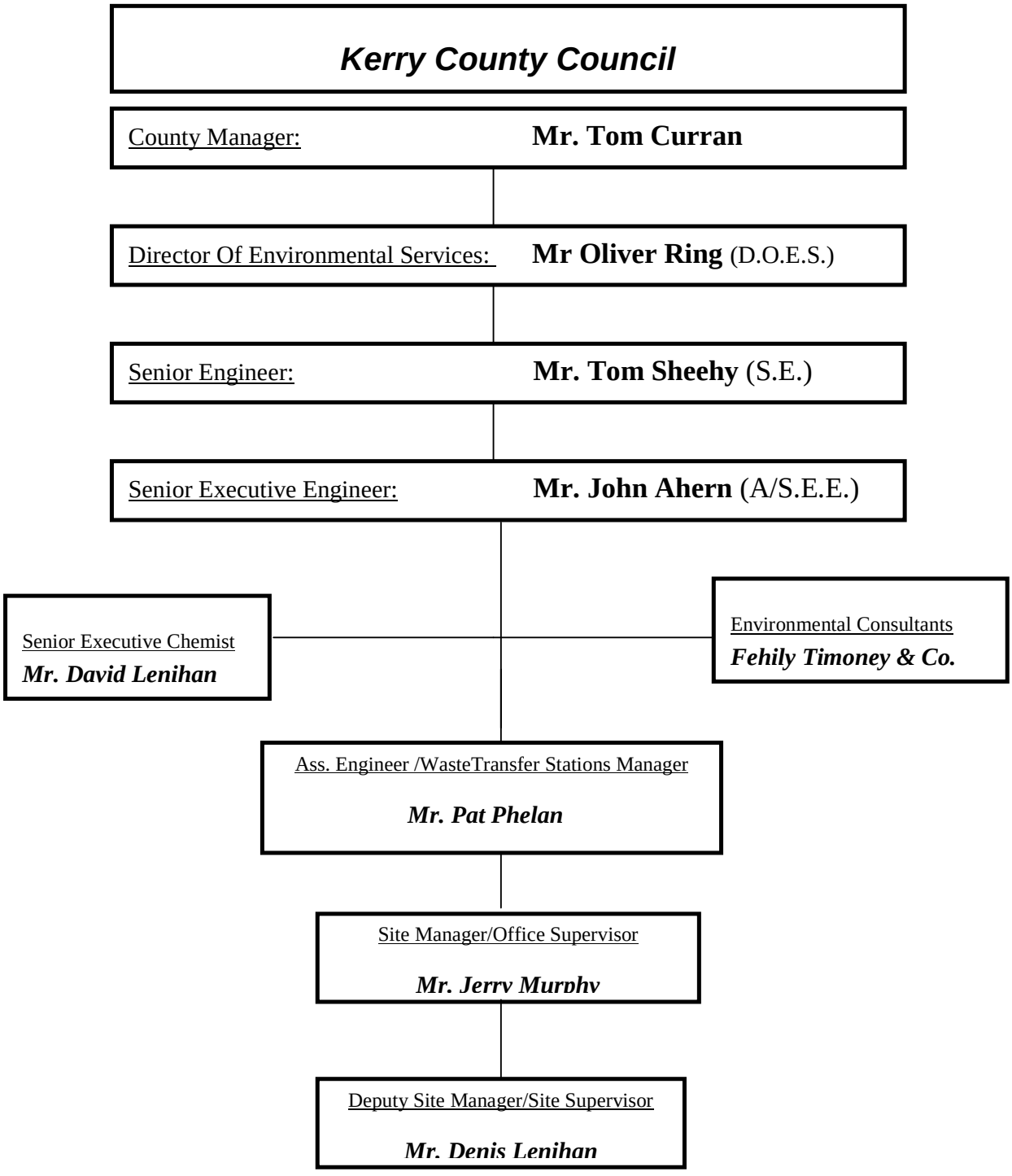
Material type	Suggested EWC Codes	Household Waste
organic waste (food and garden) Total	20 01 08; 20 02 01	0.78
if segregated, provide specific information on food and garden waste		
food	*20 01 08*	*0.78*
garden	*20 02 01*	*-*
mixed dry recyclables (KCC Trucks)	20 03 01	68.74
mixed dry recyclables (eco-bags)	15 01 06; 20 03 01	35.52
cardboard, newspaper and other paper (Total)	15 01 01; 20 01 01	200.44
if segregated, provide the breakdown of cardboard and paper in the rows below		
**cardboard packaging*	*15 01 01*	*50.48*
cardboard non-packaging	*20 01 01*	*-*
paper packaging	*15 01 01*	*-*
paper non-packaging	*20 01 01*	*149.96*
**newspaper and magazines*	*20 01 01*	
glass (Total)	15 01 07; 20 01 02	74.92
if segregated, provide the breakdown of glass in the next two rows		
glass packaging(bottles)	*15 01 07*	*74.92*
glass non-packaging(sheet)	*20 01 02*	*-*
metals (Total)	15 01 04; 20 01 40	83.79

17 Programme of Public Information

The following files are available for inspection on site by members of the public:

- AER of previous reporting years
- All correspondence with the Agency
- Surface Water Monitoring Results
- Incident/Complaints Register
- Tonnage of waste accepted on site
- Characterisation of waste accepted on site
- Operational Procedure Manual
- Waste Acceptance Procedure
- Information on Recycling Initiatives e.g. leaflets.
- Environmental Management System.

16 Management and Staffing Structure at Facility 2010



b) Statement of Costs for Recycling Operations at Facility

Recycling 2010		
Accelem	**Accelem(T)**	**Total Charge €**
60030	Wages	1,840.52
60040	Salaries	2,883.02
60100	ER PRSI	447.02
60200	Overtime	1,590.06
60300	Arrears	-1,619.51
60500	Annual Leave	116.49
60600	Travel/Subsistence	233.07
61990	Other Allowances	89.64
65500	Minor Contracts- Trade Services & other works	0.00
67500	Non-Capital Equip Purchase - Computers	0.00
68500	Non-Capital Equip Purchase - Other	0.00
69250	Repairs & Maint -Computer Equip	0.00
70000	Materials	0.00
70990	Issues from Stores	0.00
73400	Staff Travelling & Subsistence Expenses	1,563.48
76000	Communication Expenses	84.24
77200	Security - Property	0.00
78000	Training	0.00
79900	Consultancy/Professional Fees and Expenses	0.00
80000	Advertising	83.20
81000	Printing & Office Consumables	0.00
82100	Statutory Contributions to Other Bodies	0.00
85100	Rates & Other LA Charges	0.00
86000	Energy	0.00
99000	Miscellaneous Expenses	0.00
99050	Refunds	490.03
	Total	7,801.26

15 Report on Financial Provision

a) Statement of Costs for Waste Operations at Facility

Waste 2010		
Accelem	**Accelem(T)**	**Total Charge €**
60030	Wages	46,069.00
60040	Salaries	8,649.30
60100	ER PRSI	9,840.07
60200	Overtime	46,184.12
60300	Arrears	-22.24
60500	Annual Leave	9,043.60
60510	Bank Holiday Leave	1,844.28
60600	Travel/Subsistence	6,169.50
60700	Eating on site allowance	5.70
61990	Other Allowances	1,837.62
65500	Minor Contracts- Trade Services & other works	48,546.65
67500	Non-Capital Equip Purchase - Computers	0.00
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	247.20
69200	Repairs & Maint - Plant	498.51
69250	Repairs & Maint -Computer Equip	0.00
69400	Transfers from Machinery Yard	5,170.00
69600	Other Vehicle Expenses	88.00
70000	Materials	1,551.66
70970	Issues From Stores No Markup	302.52
70985	Issue from Fuel Stores	39.91
70990	Issues from Stores	4,353.53
70991	Returns to Stores	-333.81
71000	Insurance	66.17
73400	Staff Travelling & Subsistence Expenses	3,434.94
76000	Communication Expenses	1,784.37
77100	Courier	2.39
77200	Security - Property	760.00
78000	Training	54.17
79900	Consultancy/Professional Fees and Expenses	0.00
80000	Advertising	251.47
81000	Printing & Office Consumables	912.28
82100	Statutory Contributions to Other Bodies	8,756.72
85000	Rent	8,380.02
85100	Rates & Other LA Charges	178.70
86000	Energy	3,024.92
99000	Miscellaneous Expenses	100.00
99050	Refunds	46.62
	Total	217,837.89

12 Report on Progress towards achievement of the 2009 Environmental Objectives and Targets

Objective	***Target***	***Progress***
Provide easier egress/access into the site/recycling area of the facility.	March 2010	Improved access & parking area to rear of administration building
Continue to promote kerbside and infacility recovery and recycling.	Ongoing	Ongoing
Promote & increase WEEE collection.	Ongoing	Ongoing
Complete snagging items for restoration Plan in 2010	June 2010, dependant on weather	Snagging completed on schedule

13 Summary of Procedures Developed by the Licensee

The following procedures were developed during the reporting period:

- Revised Waste Acceptance Procedures – Weight of waste leaving Facility compared to weight of waste arriving in Landfill
- Revised Operational Procedures for Facility Manager
- Revised Health & Safety Procedures

14 Reported Incidents and Complaints

No incidences or complaints were reported in relation to the operation of the facility during the reporting period.

11 Schedule of Environmental Objectives and Targets for the Forthcoming Year

Target Area	***Objective***	***Works Required***
Surface Water Emissions	Keep Surface Water Emissions within agreed limits	Regular inspection of surface water drains. Regular monitoring of results from Surface Water Monitoring Points. Regular inspection of bunded areas for integrity on site.
Litter – On public roads to facility	Reduction in the number of bags of waste/litter lost from trailers on the way to the facility	Regular inspections and clean up of approach roads. Quick response to clean up any reported waste on the approach roads to the facility
Energy Resources	Reduce the quantity of diesel and electricity used on site	

9 Report on Development Works Undertaken during the Reporting Period

No development works were undertaken at the facility during the reporting period.

10 Proposed Development Works For Forthcoming Year

No development works are proposed at the facility for 2011.

8.0 Resource and Energy Consumption Summary

The following is the energy consumption for Milltown Transfer Station for the reporting period.

8.1 Diesel

The diesel usage for Milltown Transfer Station for the reporting period 2010 was 2,492 litres. This is a reduction of 108 litres in comparison with 2009 figures.
The primary usage of diesel is for the rubber tyred excavator on site with the remainder used by the oil burner for the steam washer.

8.2 Electricity

The electricity usage for the facility during the reporting period was 14,400 kilowatt hours.
The primary energy consumer on site is a 3 phase waste compactor. Power is also required for the office computer and lighting, storage heating, cardboard baler and public lighting on the site.

8.3 Water

Water supply to the site is via a connection to the mains water supply. Water usage for the facility during the reporting period was 64,000 litres. Water is mainly used on site for power washing yards, transfer station apron and hopper and washing of trucks where required. No surface water or ground water is abstracted.

7.0 Summary of Results and Interpretations of Environmental Monitoring

a) Dust monitoring.

No dust monitoring was carried out during 2010 due to a misunderstanding between Kerry County Council and the EPA. There were no issues with dust during 2010 and no complaints were received in relation to dust at the facility. The results over the years have shown no significant nuisance from dust at the facility.
Kerry County Council will carry out dust monitoring in 2011.

b) Noise monitoring.

No noise monitoring was carried out during 2010 due to a misunderstanding between Kerry County Council and the EPA. There were no issues with noise during 2010 and no complaints were received in relation to noise at the facility. The results over the years have shown that the facility caused no significant noise nuisance to neighbours.
Kerry County Council will carry out noise monitoring in 2011.

c) Monitoring of surface water.

The surface water monitoring results are attached in Appendix II and show some exceedances of environmental limits at SW3c and SW4b. Surface water contamination would indicate probable impact from old landfill activities and not from the operation of the transfer station. Further investigations will be carried out during 2011 to determine the source of contamination.

d) Foul Water

The foul water emissions results are attached in Appendix II. The results of samples from the foul water emissions exhibited no significant exceedances of limits during the reporting period.

e) Landfill gas

The levels of methane gas and carbon dioxide recorded have reduced significantly (CH_4 - 3.4% v/v, CO_2 – 1.7% v/v on 20/4/10) compared to previous years. The landfill gas monitoring results are attached in Appendix III.

5.0 Projections of the quantities to be accepted and percentages disposed and recycled/ recovered for the coming year

It is expected that waste disposal rates and recycling/recovery rates at Milltown Transfer Station will continue to decrease in the next reporting period mainly due to the weak economic environment and the increasingly competitive waste industry.

6.0 Summary Report on Emissions for the Reporting Period

a) Foul Water Emissions

The foul water discharge is monitored quaterly. The results are sent to the EPA and are also available at the Milltown facility. No significant exceedances of limits were noted during this reporting period.

A Puraflow Wastewater Treatment Unit is successfully working at the facility since 2004. The Puraflow unit was serviced by Bord na Mona and a replacement pump installed during 2010.

b) Surface Water Emissions

Surface water runoff takes place from site roads and uncontaminated surfaces discharges via silt traps to the surface water drains.

c) Waste from Silt Traps and Interceptors

A total of approximately 2.4 Tonnes of silt/sludge were removed during the reporting period from the silt trap and the foul water treatment unit and disposed at the Killorglin Wastewater Treatment plant.

The quantities of waste sent for recycling also continued to decrease in comparison to previous years, particularly for dry recyclables, WEEE, cardboard, newspapers and batteries. The reduction in dry recyclables is due to an increase in Kerry County Councils refuse vehicles travelling directly with dry recyclables to the Contractors depot instead of using this site. Waste sent for recycling during the reporting period compared with previous years is outlined in Table 2 below.

Waste for Recycling & Recovery	***Tonnages 2008***	***Tonnages 2009***	***Tonnages 2010***
Metals	64.58	84.0	75.73
Glass	71.38	78.16	74.92
Aluminium	Included	2.32	3.06
Batteries	2.32	8.88	1.45
Newspapers	166.78	155	149.96
Cardboard	84.08	85.6	50.48
Fluorescent Tubes	0.38	0.28	0
Domestic Hazardous Waste	0.28	0.25est	0
Plastic Bottles	11.32	10.52	25.78
Waste Engine Oil	1.25	2.8	0
WEEE	326.2	106.02	99.17
Dry Recyclables	123.7	128.0	104.26[1]
Cooking Oil	0	0.32	0
Textiles	0	2.28	2.24
Total for Recycling/Recovery	**852.27**	**664.43**	**518.31**

[1] Dry recyclables collected in eco sense bags and from KCC kerbside collection trucks

Table 2 Waste collected on site and recovered/recycled off site during the reporting period

Appendix I contains a breakdown of waste by classification collected on site for recovery/recycling off site during the reporting period.

4.0 Quantity and Composition of Waste Received, Disposed and Recovered: 1st Jan – 31st Dec 2010

Waste tonnage disposed of at Milltown Transfer Station during the reporting year (2010) decreased on the previous year (2009). This is primarily due to the downturn in the economy resulting in a significant change in the disposal habits of members of the public. The quantity of construction and demolition waste delivered directly to the facility has significantly reduced.

The weight of the waste accepted into Milltown Transfer Station Facility for disposal for the reporting period was 3,013.36 Tonnes. This comprises of the following breakdown:

Waste for Disposal	***Tonnes***	
	2009	***2010***
Municipal waste collected by Local Authority	980.64	870.13
Commercial & Industrial	280.87	467.28
Road Sweepings & Graveyard Waste	104.90	104.68
Flytipping	89.51	75.6
Public Domestic	2021.34	1,495.67
Total for Disposal	**3,477.26**	**3,013.36**

Table 1 Waste Stream breakdown for reporting Period.

Class 12 Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Class 13 Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Waste recovery activities carried out at Milltown Transfer Station are in accordance with Part 1 of Waste Licence W0069-01 which outlines the waste recovery activities licensed in accordance with the Fourth Schedule of the Waste Management Act 1996. Licensed activities include:

Class 1 Solvent reclamation or regeneration.

Class 2 Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Class 3 Recycling or reclamation of metals and metal compounds.

Class 4 Recycling or reclamation of other inorganic materials.

Class 13 Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

1.0 Introduction

Kerry County Council operates a waste transfer and recycling facility at Ballyvirrane, Milltown, Co. Kerry. It is located approximately 2 km south of the town of Milltown on the minor Milltown to Ballyvirrane road.

The principal activity of the Transfer Station is the compaction of solid waste into 30 cubic metre closed containers for subsequent transfer and disposal at North Kerry Landfill.

Other activities include the recycling or reclamation of inorganic materials including metals, glass, steel and aluminium cans, car batteries, dry cell batteries, fluorescent tubes, domestic hazardous waste, cardboard, plastic bottles and newspapers. Small quantities of organic waste are also collected for transfer to North Kerry Landfill for composting.

This Annual Environment Report is prepared in accordance with Condition 2.8 and Schedule C of Waste Licence W0069-01 issued by the Environmental Protection Agency (EPA).

2.0 Reporting Period

The reporting period for this Annual Environmental Report is 1st January 2010 – 31st December 2010.

3.0 Waste Activities Carried out at the Facility

Waste disposal activities carried out at Milltown Transfer Station are in accordance with Part 1 of Waste Licence W0069-01 which outlines the waste disposal activities licensed in accordance with the Third Schedule of the Waste Management Act 1996. Licensed activities include:

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Kerry County Council

Waste Licence Ref No. W0069-01

REPORT TITLE

Milltown Transfer Station
Annual Environmental Report

Reporting Period:

January 2010 – December 2010

Prepared By:
Environmental Service Section,
Kerry County Council,
Maine Street,
Tralee
Co. Kerry.

June 2011