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	E5665/7020
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,EAWL40099	...,Darlaston,England,United Kingdom	...,Darlaston,England,United Kingdom
Recycling Village,WP-2007-20	....,Co. Louth,Ireland	....,Co. Louth,Ireland
H.J. Enthoven Ltd.,BL 5598	Darley Dale Smelter,South darley,Matlock,Matlock,United Kingdom	Darley Dale Smelter,South darley,Matlock,Matlock,United Kingdom
EMR,EAWML 40041/SL0967	Bentley Road South,...,Darlaston West Midlands,WS10 8LW England	Bentley Road South,...,Darlaston West Midlands,WS10 8LW England,United Kingdom
Recycling Village,WFP/LH/10/W01C	...,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,Un	Darley Dale Smelter,South darley,Matlock,Derbyshire DE4 2LP,United Kingdom

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-(	Caragh Road,Unit 4 Osberstown Industrial Park,Naas,Co. Kildare,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
North Kerry Landfill,W001-03	Muingnamuinane, , Tralee,Co. kerry,Ireland
Hegarty Hammond ,WR01-2001	Tipperary Road,Ballysimon, Limerick, ,Ireland
EWM Ltd,WFP/DS/09/0012/01	Jordanstown Drive,Block 648 Greengoune Industrial Estate,Rathcoole,Rathcoole,Ireland
North Kerry Landfill,W001-04	Muingnamuinane, , Tralee,Co. kerry,Ireland

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072 AER PRTR 2010 V1.xls | Return Year : 2010 |

16/04/2011 12:22

18

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	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)
						M/C/E	Method Used					
Within the Country	15 01 06	No	1.62	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	50.62	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	133.66	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	59.33	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	8.77	metallic packaging	R4	M	Weighed	Onsite in Ireland	Rehab Glassco Ltd.,WFP-KE-08-0957-01 Hegarty Hammond	Caragh Road,Unit 4 Osberstown Industrial Park,Naas,Co. Kildare,Ireland		
Within the Country	20 01 40	No	24.96	metals	R4	M	Weighed	Offsite in Ireland	,WR01-2001	Tipperary Road,Ballysimon, Limerick,,,Ireland		
Within the Country	15 01 02	No	19.77	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	1.92	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	1.28	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,Rathcoole,Ireland		
To Other Countries	16 02 11	Yes	15.06	discarded equipment containing chlorofluorocarbons, HCFC, HFC	R4	M	Weighed	Abroad	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland	EMR,EAWML 40041/5L0967,Bentley Road South,,,Darlaston West Midlands,WS10 8LW England,United Kingdom	Bentley Road South,,,Darlaston West Midlands,WS10 8LW England,United Kingdom
To Other Countries	20 01 36	No	48.36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Abroad	KMK Metals ,W0113-03	,,Cappincur Ind Est,Tullamore,Co. Offaly,Ireland		
Within the Country	20 01 35	Yes	22.23	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,Rathcoole,Ireland	Recycling Village,WFP/LH/10W010/01 ,,,,Monasterboice,Co. Louth,Ireland	,,,Monasterboice,Co. Louth,Ireland
Within the Country	20 01 36	No	18.54	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,Rathcoole,Ireland		
Within the Country	**20 03 01**	**No**	4037.18	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	0.0	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# : W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072 AER PRTR 2010 V1.xls | Return Year : 2010 | 15/04/2011 12:12

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		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)

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		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
06	Ammonia (NH3)	M	OTH	Ammonia by ISE	4.03	4.03	0.0	0.0
					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
303	BOD	M	OTH	electrometric deltn of DO Hach spectrophotometric method using Potassium	234.55	234.55	0.0	0.0
306	COD	M	OTH	Dichromate	592.56	592.56	0.0	0.0
240	Suspended Solids	M	OTH	gravimetric determination	421.1	421.1	0.0	0.0
314	Fats, Oils and Greases	M	OTH	hexane extn followed by gravimetric determination	281.77	281.77	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

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		RELEASES TO WATERS											
No. Annex II	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T	T (total) KG/Year	QUANTITY A	A (Accidental) KG/Year	F	F (Fugitive) KG/Year		
					0.0		0.0		0.0		0.0		

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		RELEASES TO WATERS											
No. Annex II	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T	T (total) KG/Year	QUANTITY A	A (Accidental) KG/Year	F	F (Fugitive) KG/Year		
					0.0		0.0		0.0		0.0		

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

POLLUTANT		RELEASES TO WATERS											
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T	T (total) KG/Year	QUANTITY A	A (Accidental) KG/Year	F	F (Fugitive) KG/Year		
					0.0		0.0		0.0		0.0		

4.1 RELEASES TO AIR Link to previous years emissions data (PRTR# : W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072 AER PRTR 2010 V1.xls | Return Year : 2010) 15/04/2011 12:06

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					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

* 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					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

* 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					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

* 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 generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Please enter summary data on the quantities of methane flared and / or utilised

Coolcaslagh Transfer Station

	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 1.11

REFERENCE YEAR	2010

1. FACILITY IDENTIFICATION

Parent Company Name	Kerry County Council
Facility Name	Coolcaslagh Transfer Station
PRTR Identification Number	W0072
Licence Number	W0072-01

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.
	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 is produced.
3.13	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.
4.1	Solvent reclamation or regeneration.
4.13	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.2	Recycling or reclamation of metals and metal compounds.
4.3	Recycling or reclamation of other inorganic materials.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Coolcaslagh
Address 2	Killarney
Address 3	Co. Kerry
Address 4	
Country	Ireland
Coordinates of Location	-9.43193 52.0657
River Basin District	IESW
NACE Code	38321
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Brian Lennon
AER Returns Contact Email Address	blennon@kerrycoco.ie
AER Returns Contact Position	Executive Chemist
AER Returns Contact Telephone Number	066-7162000
AER Returns Contact Mobile Phone Number	087-8173983
AER Returns Contact Fax Number	066-7162001
Production Volume	0.0
Production Volume Units	
Reference Year	
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(d)	Installations for the disposal of non-hazardous waste
5(d)	Installations for the disposal of non-hazardous waste

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

Is it applicable?	
Have you been granted an exemption ?	
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

Coolcaslagh 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
14/10/08	L1	40.9	24.1	8.5	1011	8
	L2	35.2	20.9	10.3	1011	8
7/5/09	L1	63.9	28.2	1.2	1005	17
	L2	60.1	29.6	1.6	1005	17
10/12/09	L1	59.8	30.1	1.4	1005	8
	L2	60.2	31.0	1.0	1005	8
14/4/10	L1	40.4	24.6	5.5	1005	12
	L2	8.5	4.6	17.3	1005	12
30/3/11	L1	34.6	24.2	5.5	987	13
	L2	12.6	5.8	17.2	986	13

Coolcaslagh	Sw7	99256.5	90467.4	2008/0008	03-Jan-08	13:20	0.04	7.3	1	134	< 10	21.5	12.3	2	6.3		
Coolcaslagh	Sw7	99256.5	90467.4	2008/1623	03-Apr-08	10:20	0.04	7.4	< 1	131	39	22	11.7	< 1	9.8		
Coolcaslagh	Sw7	99256.5	90467.4	2008/3672	17-Jul-08	10:30	0.04	7.1	< 1	138	18	19.5	10.6	4	13.5		
Coolcaslagh	Sw7	99256.5	90467.4	2008/5821	04-Nov-08	10:32	0.02	7.4	< 1	131	17	17	12	< 1	7.6	***200***	***646***
Coolcaslagh	Sw7	99256.5	90467.4	2009/0096	07-Jan-09	11:20	0.04	7.6	1.5	146	22	22	12.6	12	3.5	***228***	***830***
Coolcaslagh	Sw7	99256.5	90467.4	2009/1929	07-Apr-09	11:00	0.06	7.6	1.2	142	49	18	11.4	2	8.3		
Coolcaslagh	Sw7	99256.5	90467.4	2009/3585	08-Jul-09	10:47	< 0.02	7.5	< 1	144	31	15	9.8	2	14.1		
Coolcaslagh	Sw7	99256.5	90467.4	2009/5100	01-Oct-09	10:45	< 0.02	7.7	< 1	149	13	17	10.8	2	12.5		
Coolcaslagh	Sw7	99256.5	90467.4	2010/0213	20-Jan-10	11:30	0.04	7.1	< 1	102	29	16	12.5	2	4.7		
Coolcaslagh	Sw7	99256.5	90467.4	2010/1465	08-Apr-10	11:10	0.02	7.1	< 1	86	17	10.5	12.7	1	7.2		
Coolcaslagh	Sw7	99256.5	90467.4	2010/3106	14-Jul-10	10:02	0.02	7.8	< 1	178	16	30	10.3	6	13.8	***778***	***28272***
Coolcaslagh	Sw7	99256.5	90467.4	2010/4743	12-Oct-10	16:15	< 0.02	7.6	< 1	137	21	13.5	10.8	< 1	11.8		
Coolcaslagh	Sw8	101881.9	91477.6	2007/0636	01-Feb-07	12:20	***2.61***	7.2	< 1	217	23	25	9.5	13	8.2		
Coolcaslagh	Sw8	101881.9	91477.6	2007/3897	19-Jul-07	15:50	< 0.02		1.4	125	38	15	9.3	***120***	16.6		
Coolcaslagh	Sw8	101881.9	91477.6	2008/5822	04-Nov-08	11:00	< 0.02	6.5	< 1	270	< 10	16	5.5	1	7.6	***2***	***20***

Table 2 Surface Water Monitoring Results

Coolcaslagh	Sw6	100842.9	91303.3	2010/1466	08-Apr-10	11:20	0.02	7.3	< 1	100	14	12	12.7	1	6.7		
Coolcaslagh	Sw6	100842.9	91303.3	2010/3105	14-Jul-10	10:21	0.07	7.7	< 1	144	26	18	9.7	2	14.1	***820***	***7701***
Coolcaslagh	Sw6	100842.9	91303.3	2010/4742	12-Oct-10	16:05	0.08	7.4	< 1	134	26	13.5	10.7	1	11.3		
Coolcaslagh	Sw7	99257	90467	2003/0161	15-Jan-03	10:54	0.1	7.1	1.7	136	23	31	11.3	10	11.3		
Coolcaslagh	Sw7	99257	90467	2003/1925	16-Apr-03	11:55	< 0.02	7.5	< 1	133	19	19	10.8	1	11.5		
Coolcaslagh	Sw7	99257	90467	2003/3673	09-Jul-03	15:00	< 0.02	7.8	1.2	157	< 10	20.5	9.9	2	15.6		
Coolcaslagh	Sw7	99257	90467	2003/5467	01-Oct-03	11:27	< 0.02	7.6	< 1	158	< 10	20	10.6	8	10.9	***10***	***15531***
Coolcaslagh	Sw7	99257	90467	2004/0264	15-Jan-04	14:10	0.05	7	2.1	119	38	21	11.7	***50***	7		
Coolcaslagh	Sw7	99257	90467	2004/1655	06-Apr-04	10:27	< 0.02	7.6	< 1	132	< 10	19	11	< 1	7.9		
Coolcaslagh	Sw7	99256.5	90467.4	2004/3716	21-Jul-04	10:20	< 0.02	7.6	< 1	149	15	21.5	13.7	< 1	14.1	***162***	***1730***
Coolcaslagh	Sw7	99256.5	90467.4	2004/5222	06-Oct-04	11:08	0.06	7.3	1.4	108	51	17	11.3	6	10.5		
Coolcaslagh	Sw7	99256.5	90467.4	2005/0352	19-Jan-05	10:42	0.07	7	1.2	137	21	27.5	11.6	4	8.3		
Coolcaslagh	Sw7	99256.5	90467.4	2005/1721	12-Apr-05	10:36	< 0.02	7.4	< 1	124	< 10	19	11.9	1	9.7		
Coolcaslagh	Sw7	99256.5	90467.4	2005/3611	14-Jul-05	11:22	< 0.02	7.7	< 1	161	14	18	9.9	< 1	15.7		
Coolcaslagh	Sw7	99256.5	90467.4	2005/5299	13-Oct-05	10:25	< 0.02	7.3	< 1	142	47	20	12	2	7.4	***292***	***1300***
Coolcaslagh	Sw7	99256.5	90467.4	2006/0366	24-Jan-06	13:35	< 0.02	7.3	< 1	133	37	22	11.8	1	7.6		
Coolcaslagh	Sw7	99256.5	90467.4	2006/1678	20-Apr-06	10:37	< 0.02	7.4	1	121	24	19	11.8	3	9.2		
Coolcaslagh	Sw7	99256.5	90467.4	2006/3678	02-Aug-06	11:00	< 0.02	7.7	< 1	172	< 10	22	10.6	2	14		
Coolcaslagh	Sw7	99256.5	90467.4	2006/5009	12-Oct-06	10:50	< 0.02	6.9	< 1	118	120	15	10.8	1	12.1	***308***	***3030***
Coolcaslagh	Sw7	99256.5	90467.4	2007/0635	01-Feb-07	10:32	< 0.02	7.2	< 1	140	30	20	11.5	3	8.4		
Coolcaslagh	Sw7	99256.5	90467.4	2007/1953	17-Apr-07	10:34	< 0.02	7.9	1.5	153	28	21	11.6	2	10.4		
Coolcaslagh	Sw7	99256.5	90467.4	2007/3895	19-Jul-07	15:49	***< 0.02***	7.6	7.6	153	88	21	8	***39***	13.5		
Coolcaslagh	Sw7	99256.5	90467.4	2007/5836	25-Oct-07	10:53	< 0.02	7.4	< 1	135	33	25	11.3	< 1	8.5	***70***	***921***

Coolcaslagh	Sw6	100843	91303	2004/0263	15-Jan-04	14:00	0.09	6.8	2.3	109	43	19	11.7	***68***	7.2		
Coolcaslagh	Sw6	100843	91303	2004/1654	06-Apr-04	10:40	0.1	7.4	1.1	126	22	18	10.9	4	7.7		
Coolcaslagh	Sw6	100842.9	91303.3	2004/3715	21-Jul-04	10:35	0.05	7.3	< 1	144	26	20.5	12.9	< 1	14.3	***248***	***4430***
Coolcaslagh	Sw6	100842.9	91303.3	2004/5221	06-Oct-04	11:20	0.07	7.2	1.5	104	52	17	11.1	12	10.3		
Coolcaslagh	Sw6	100842.9	91303.3	2005/0351	19-Jan-05	11:12	0.12	7	1.3	133	24	28	11.2	4	8.5		
Coolcaslagh	Sw6	100842.9	91303.3	2005/1720	12-Apr-05	10:50	0.13	7.3	< 1	120	< 10	18.5	10.6	< 1	9.4		
Coolcaslagh	Sw6	100842.9	91303.3	2005/3610	14-Jul-05	11:51	< 0.02	7.3	2.6	173	18	18	9.2	5	16.2		
Coolcaslagh	Sw6	100842.9	91303.3	2005/5298	13-Oct-05	10:45	0.1	7.2	< 1	139	113	19	11.9	< 1	7.4	***687***	***1733***
Coolcaslagh	Sw6	100842.9	91303.3	2006/0365	24-Jan-06	13:25	0.14	7.2	< 1	122	25	22	11.9	2	7.2		
Coolcaslagh	Sw6	100842.9	91303.3	2006/1677	20-Apr-06	10:46	0.16	7.2	< 1	117	31	19	11.8	< 1	8.4		
Coolcaslagh	Sw6	100842.9	91303.3	2006/3676	02-Aug-06	11:20	< 0.02	7.4	< 1	178	< 10	22	10	3	14.1		
Coolcaslagh	Sw6	100842.9	91303.3	2006/5008	12-Oct-06	11:02	0.03	6.8	< 1	117	235	15.5	10.8	2	11.9	***236***	***4286***
Coolcaslagh	Sw6	100842.9	91303.3	2007/0634	01-Feb-07	11:07	0.15	7	< 1	136	27	18	11.2	3	8.2		
Coolcaslagh	Sw6	100842.9	91303.3	2007/1952	17-Apr-07	10:42	0.31	7.3	1.8	155	45	22	10.3	3	11.3		
Coolcaslagh	Sw6	100842.9	91303.3	2007/3894	19-Jul-07	14:49	0.19	7.3	1.3	139	11	17	9.9	5	13.6		
Coolcaslagh	Sw6	100842.9	91303.3	2007/5835	25-Oct-07	11:02	0.12	7.2	< 1	133	33	23	11.2	< 1	8.2	***308***	***> 2419***
Coolcaslagh	Sw6	100842.9	91303.3	2008/0007	03-Jan-08	13:48	0.04	7.1	< 1	146	16	22.5	12.2	2	6		
Coolcaslagh	Sw6	100842.9	91303.3	2008/1622	03-Apr-08	10:35	0.1	7.3	< 1	130	16	22	11.6	2	9.4		
Coolcaslagh	Sw6	100842.9	91303.3	2008/3671	17-Jul-08	10:50	0.16	7.4	< 1	133	21	18.5	10.3	10	13.2		
Coolcaslagh	Sw6	100842.9	91303.3	2008/5820	04-Nov-08	10:40	0.18	7.2	< 1	126	17	17.5	11.9	2	7.4	***235***	***946***
Coolcaslagh	Sw6	100842.9	91303.3	2009/0095	07-Jan-09	15:25	0.28	7.5	1.7	143	13	22	13	15	3.7	***248***	***1553***
Coolcaslagh	Sw6	100842.9	91303.3	2009/1928	07-Apr-09	11:15	0.2	7.5	1.5	143	29	19.5	11.5	11	7.7		
Coolcaslagh	Sw6	100842.9	91303.3	2009/3584	08-Jul-09	11:02	0.05	7.2	1	136	36	13.5	9.7	2	13.8		
Coolcaslagh	Sw6	100842.9	91303.3	2009/5099	01-Oct-09	11:05	0.07	7.4	1.1	142	21	16	10.3	3	1.4		
Coolcaslagh	Sw6	100842.9	91303.3	2010/0212	20-Jan-10	11:50	0.08	7	< 1	101	30	19	12.7	1	4.3		

Coolcaslagh	Sw5	101794.7	91628.4	2006/3675	02-Aug-06	11:50	0.08	7	< 1	149	< 10	18	9.3	2	14.3		
Coolcaslagh	Sw5	101794.7	91628.4	2006/5007	12-Oct-06	11:32	0.03	6.6	< 1	115	235	18.5	12.4	3	12	***649***	***4718***
Coolcaslagh	Sw5	101794.7	91628.4	2007/0633	01-Feb-07	11:45	< 0.02	6.8	< 1	125	32	20	11.5	4	7.9		
Coolcaslagh	Sw5	101794.7	91628.4	2007/1951	17-Apr-07	11:15	0.03	6.7	1.4	152	19	22	10.3	6	10.2		
Coolcaslagh	Sw5	101794.7	91628.4	2007/3893	19-Jul-07	15:15	0.03	7.1	2.1	122	61	15	9.5	***28***	13.8		
Coolcaslagh	Sw5	101794.7	91628.4	2007/5834	25-Oct-07	11:25	0.04	6.9	< 1	120	38	21	11.2	1	7.5	***225***	***> 2419***
Coolcaslagh	Sw5	101794.7	91628.4	2008/0006	03-Jan-08	13:57	0.04	6.8	< 1	143	10	21.5	11.8	2	6		
Coolcaslagh	Sw5	101794.7	91628.4	2008/0006	03-Jan-08	13:57	0.04	6.8	< 1	143	10	21.5	11.8	2	6		
Coolcaslagh	Sw5	101794.7	91628.4	2008/0473	23-Jan-08	15:07	0.02	7.2	< 1	114	48		10.7	***80***	10.4		
Coolcaslagh	Sw5	101794.7	91628.4	2008/1621	03-Apr-08	11:30	0.02	7.1	1.4	122	17	20	11.1	9	10.1		
Coolcaslagh	Sw5	101794.7	91628.4	2008/3670	17-Jul-08	11:25	0.08	7.4	< 1	124	22	16.5	10.2	9	13.7		
Coolcaslagh	Sw5	101794.7	91628.4	2008/5819	04-Nov-08	11:24	< 0.02	7	< 1	116	27	16.5	11.5	2	7.6	***300***	***700***
Coolcaslagh	Sw5	101794.7	91628.4	2009/0094	07-Jan-09	14:20	0.03	7.6	1.1	126	15	20	12.2	6	2.6	***345***	***1553***
Coolcaslagh	Sw5	101794.7	91628.4	2009/1927	07-Apr-09	11:30	0.06	7.3	1	129	30	16.5	11.2	1	7.4		
Coolcaslagh	Sw5	101794.7	91628.4	2009/3583	08-Jul-09	11:18	0.03	7.2	1	123	41	13	9.6	< 1	14		
Coolcaslagh	Sw5	101794.7	91628.4	2009/5098	01-Oct-09	11:20	0.06	7.1	1.1	136	20	16	9.9	10	12.2		
Coolcaslagh	Sw5	101794.7	91628.4	2010/0211	20-Jan-10	12:05	0.04	6.9	1	91	28	17	12.3	3	4.2		
Coolcaslagh	Sw5	101794.7	91628.4	2010/1467	08-Apr-10	11:35	0.06	7.3	< 1	93	19	11	12.3	1	7.6		
Coolcaslagh	Sw5	101794.7	91628.4	2010/3104	14-Jul-10	10:50	0.02	6.9	< 1	136	14	21	8.6	1	13.4	***1259***	***6867***
Coolcaslagh	Sw5	101794.7	91628.4	2010/4741	12-Oct-10	15:05	0.02	7.1	1	127	31	13	10.5	***26***	10.6		
Coolcaslagh	Sw6	100843	91303	2003/0160	15-Jan-03	11:05	0.19	7.1	1.7	131	27	26	11.2	2	10.9		
Coolcaslagh	Sw6	100843	91303	2003/1926	16-Apr-03	12:12	0.25	7.3	1.2	134	26	19	11.3	3	11.1		
Coolcaslagh	Sw6	100843	91303	2003/3672	09-Jul-03	13:25	< 0.02	7.5	1	176	10	21	9.2	3	16		
Coolcaslagh	Sw6	100843	91303	2003/5466	01-Oct-03	11:45	< 0.02	7.5	< 1	192	< 10	24	10	1	11.1	***107***	***1789***

Coolcaslagh	Sw4	101929.5	91604.6	2008/1620	03-Apr-08	11:45	***33.6***	7.4	6.3	616	59	48	10.4	***75***	11.5		
Coolcaslagh	Sw4	101929.5	91604.6	2008/3669	17-Jul-08	11:40	1.05	8.1	5.9	546	44	36	10	***76***	14.4		
Coolcaslagh	Sw4	101929.5	91604.6	2008/5818	04-Nov-08	10:52	1.26	6.6	< 1	216	< 10	21	5.6	9	10.1	***7***	***135***
Coolcaslagh	Sw4	101929.5	91604.6	2009/0093	07-Jan-09	14:35	***16.98***	8	2.1	602	46	40	12.1	19	5.6	***66***	***3280***
Coolcaslagh	Sw4	101929.5	91604.6	2009/1926	07-Apr-09	12:10	***3.43***	8	3.6	363	40	20	11.6	6	8.1		
Coolcaslagh	Sw4	101929.5	91604.6	2009/3582	08-Jul-09	11:40	0.92	8.1	1.4	365	39	14.5	9.4	2	15.3		
Coolcaslagh	Sw4	101929.5	91604.6	2010/0210	20-Jan-10	12:25	0.54	7.1	1.1	138	20	17	12.7	7	3.8		
Coolcaslagh	Sw4	101929.5	91604.6	2010/1468	08-Apr-10	12:00	0.03	7.1	1	89	16	11.5	11.2	2	10.6		
Coolcaslagh	Sw4	101929.5	91604.6	2010/3103	14-Jul-10	11:00	1.78	7.8	7.9	183	49	11	9	***64***	15.6	***44625***	***388275***
Coolcaslagh	Sw5	101795	91628	2003/0159	15-Jan-03	11:25	0.05	7	1.5	125	24	26	11.3		10.5		
Coolcaslagh	Sw5	101795	91628	2003/1929	16-Apr-03	12:45	< 0.02	7.1	1.2	121	29	18	11.1	4	11.2		
Coolcaslagh	Sw5	101795	91628	2003/3671	09-Jul-03	14:45	< 0.02	7.2	1.3	143	21	18.5	9	9	16.1		
Coolcaslagh	Sw5	101795	91628	2003/5465	01-Oct-03	12:25	0.04	6.5	< 1	138	< 10	21	7.8	< 1	11.3	***1455***	***3448***
Coolcaslagh	Sw5	101795	91628	2004/0262	15-Jan-04	13:15	0.09	6.6	1.9	110	39	19.5	11.2	***53***	7.1		
Coolcaslagh	Sw5	101795	91628	2004/1653	06-Apr-04	10:50	< 0.02	7.3	1	118	25	18	10.6	10	7.7		
Coolcaslagh	Sw5	101794.7	91628.4	2004/3714	21-Jul-04	10:56	0.07	7	< 1	137	24	20	11.9	3	14.1	***727***	***4410***
Coolcaslagh	Sw5	101794.7	91628.4	2004/5220	06-Oct-04	11:32	0.08	7.1	1.8	101	66	17	10.5	***24***	10.5		
Coolcaslagh	Sw5	101794.7	91628.4	2005/0350	19-Jan-05	11:17	0.11	6.9	1.1	131	19	29.5	10.9	4	7.9		
Coolcaslagh	Sw5	101794.7	91628.4	2005/1719	12-Apr-05	12:30	< 0.02	7.3	< 1	112	< 10	18.5	11.4		9.8		
Coolcaslagh	Sw5	101794.7	91628.4	2005/3609	14-Jul-05	12:17	0.14	6.8	1.4	158	< 10	19	8	5	15		
Coolcaslagh	Sw5	101794.7	91628.4	2005/5297	13-Oct-05	11:00	< 0.02	7	< 1	128	23	19.5	11.7	1	7	***921***	***2419***
Coolcaslagh	Sw5	101794.7	91628.4	2006/0364	24-Jan-06	13:15	0.02	7	< 1	126	46	20	11.4	3	7.3		
Coolcaslagh	Sw5	101794.7	91628.4	2006/1676	20-Apr-06	10:57	0.07	7	1	111	33	16	11.4	3	8.3		
Coolcaslagh	Sw5	101794.7	91628.4	2006/1676	20-Apr-06	10:57	0.07	7	1	111	33	16	11.4	3	8.3		

					09		0.02										
Coolcaslagh	Sw3	101859.3	91642.2	2009/3581	08-Jul-09	11:08	0.39	6.2	< 1	176	< 10	16	6.6	4	11.9		
Coolcaslagh	Sw3	101859.3	91642.2	2009/5097	01-Oct-09	11:30	0.03	***5.7***	< 1	133	< 10	17	***3.8***	4	11.4		
Coolcaslagh	Sw3	101859.3	91642.2	2010/0209	20-Jan-10	12:15	0.05	6.4	< 1	191	12	17	9	2	7.1		
Coolcaslagh	Sw3	101859.3	91642.2	2010/1469	08-Apr-10	11:50	0.82	7.2	< 1	116	16	14.5	9	1	8.5		
Coolcaslagh	Sw3	101859.3	91642.2	2010/3102	14-Jul-10	10:45	0.06	6.2	< 1	148	< 10	22	7.3	***48***	11.4	***356***	***18270***
Coolcaslagh	Sw4	101930	91605	2003/0158	15-Jan-03	11:35	0.26	7.8	***21.7***	266	155	27.5	9.1	***465***	10.6		
Coolcaslagh	Sw4	101930	91605	2003/1930	16-Apr-03	12:55	< 0.02	6.6	< 1	89	10	15	8.8	1	12.3		
Coolcaslagh	Sw4	101930	91605	2003/3670	09-Jul-03	14:30	< 0.02	6.8	1.3	120	12	15	3.4	8	17.3		
Coolcaslagh	Sw4	101930	91605	2004/0261	15-Jan-04	12:30	< 0.02	7.1	1.2	98	45	9.5	10.2	***34***	7.3		
Coolcaslagh	Sw4	101930	91605	2004/1652	06-Apr-04	11:25	< 0.02	6.7	1	96	< 10	16.5	9.5	6	9.3		
Coolcaslagh	Sw4	101929.5	91604.6	2004/3713	21-Jul-04	10:48	0.04	6.7	< 1	123	12	15	4.1	10	15.1	***17***	***921***
Coolcaslagh	Sw4	101929.5	91604.6	2004/5219	06-Oct-04	11:45	0.06	7.7	< 1	123	10	14	7.9	4	10.9		
Coolcaslagh	Sw4	101929.5	91604.6	2005/0349	19-Jan-05	11:02	< 0.02	7.3	2.2	191	28	27	11	***21***	8.9		
Coolcaslagh	Sw4	101929.5	91604.6	2006/0363	24-Jan-06	12:50	0.03	6.6	< 1	151	48	19	8.9	***132***	8.2		
Coolcaslagh	Sw4	101929.5	91604.6	2006/1675	20-Apr-06	11:11	0.17	7.1	< 1	444	25	16	6.4	9	8.5		
Coolcaslagh	Sw4	101929.5	91604.6	2006/3674	02-Aug-06	11:58	0.16	7.1	< 1	191	< 10	17.5	8	***38***	15		
Coolcaslagh	Sw4	101929.5	91604.6	2007/0632	01-Feb-07	12:00	***2.55***	7.4	< 1	215	119	24	11.8	7	7.7		
Coolcaslagh	Sw4	101929.5	91604.6	2007/3892	19-Jul-07	15:05	0.02	7.7	1.9	111	69	13	9.5	***440***	16.5		
Coolcaslagh	Sw4	101929.5	91604.6	2008/0005	03-Jan-08	14:10	0.04	7.4	1	161	30	24	11.9	***122***	6.6		
Coolcaslagh	100m upstream Sw4 (outlet from Cronin's pit)	102061.2	91614.8	2008/0474	23-Jan-08	15:35	< 0.02	7.2	< 1	78	365		10.5	***6936***	10.9		
Coolcaslagh	10m upstreamSW4	101953.6	91607.8	2008/0469	23-Jan-08	14:40	0.02	8	< 1	121	370		10.5	***8060***	10.6		
Coolcaslagh	Sw4	101929.5	91604.6	2008/0471	23-Jan-08	14:47	0.21	7.9	2.1	120	75		10.6	***202***	10.6		
Coolcaslagh	downstream SW4	101891.8	91604.2	2008/0470	23-Jan-08	14:43	0.05	7.8	1.3	136	355		10.3	***5076***	10.6		

Coolcaslagh	Sw3	101859	91642	2003/3669	09-Jul-03	14:35	< 0.02	6.5	1.2	107	12	15	7.6	***24***	14.6		
Coolcaslagh	Sw3	101859	91642	2003/5464	01-Oct-03	12:12	< 0.02	5.9	< 1	98	< 10	16	7.1	14.5	11.1	***20***	***669***
Coolcaslagh	Sw3	101859	91642	2004/0260	15-Jan-04	12:55	< 0.02	7	< 1	121	12	13.5	10.9	5	7.9		
Coolcaslagh	Sw3	101859	91642	2004/1651	06-Apr-04	11:30	< 0.02	8.1	6	157	230	25.5	10	***759***	9.3		
Coolcaslagh	Sw3	101859.3	91642.2	2004/3712	21-Jul-04	11:06	0.04	7	< 1	114	13	15	12.1	4	14.2	***29***	***816***
Coolcaslagh	Sw3	101859.3	91642.2	2004/5218	06-Oct-04	11:38	0.06	7.3	< 1	126	12	16	10.1	8	10.9		
Coolcaslagh	Sw3	101859.3	91642.2	2005/0348	19-Jan-05	10:55	< 0.02	6.8	1.1	141	10	23.5	11.2	2	8.3		
Coolcaslagh	Sw3	101859.3	91642.2	2005/1718	12-Apr-05	12:35	< 0.02	7.1	< 1	120	< 10	19	11.2	1	10.7		
Coolcaslagh	Sw3	101859.3	91642.2	2005/3608	14-Jul-05	12:10	< 0.02	7	< 1	134	< 10	16	9.1	14	15		
Coolcaslagh	Sw3	101859.3	91642.2	2005/5296	13-Oct-05	11:20	< 0.02	7.2	< 1	136	< 10	15.5	11.2	4	7.6	***94***	***1414***
Coolcaslagh	Sw3	101859.3	91642.2	2006/0362	24-Jan-06	13:10	< 0.02	7.1	< 1	164	34	20	11	7	8.3		
Coolcaslagh	Sw3	101859.3	91642.2	2006/1674	20-Apr-06	11:06	< 0.02	7	< 1	135	< 10	17	11.1	2	9.6		
Coolcaslagh	Sw3	101859.3	91642.2	2006/3673	02-Aug-06	11:39	0.18	7	< 1	152	< 10	16.5	9.6	***28***	14.2		
Coolcaslagh	Sw3	101859.3	91642.2	2006/5006	12-Oct-06	11:25	0.04	6.9	1.2	119	231	16.5	10.6	***22***	11.9	***52***	***5510***
Coolcaslagh	Sw3	101859.3	91642.2	2007/0631	01-Feb-07	11:38	0.1	6.8	< 1	122	40	16	11.5	***76***	8.2		
Coolcaslagh	Sw3	101859.3	91642.2	2007/1950	17-Apr-07	11:05	0.02	7.3	1.5	129	14	13	10.2	4	11.3		
Coolcaslagh	Sw3	101859.3	91642.2	2007/3891	19-Jul-07	15:09	0.04	8.2	2.2	116	46	10	9.5	***341***	16.5		
Coolcaslagh	Sw3	101859.3	91642.2	2007/5833	25-Oct-07	11:20	0.02	7.4	< 1	116	13	14	11.3	11	7.8	***57***	***866***
Coolcaslagh	Sw3	101859.3	91642.2	2008/0004	03-Jan-08	14:02	0.04	6.4	< 1	171	< 10	20.5	10.1	***26***	7.2		
Coolcaslagh	Sw3	101859.3	91642.2	2008/0468	23-Jan-08	15:00	0.05	7.7	1.3	143	290		10.3	***4948***	10.5		
Coolcaslagh	Sw3	101859.3	91642.2	2008/1619	03-Apr-08	11:15	0.28	6.7	2.3	192	56	23	9.4	***55***	10.3		
Coolcaslagh	Sw3	101859.3	91642.2	2008/3668	17-Jul-08	11:15	1.16	7.6	3.2	298	< 10	23	9.4	4	14.5		
Coolcaslagh	Sw3	101859.3	91642.2	2008/5817	04-Nov-08	11:16	0.49	7	1.7	219	< 10	21.5	10.3	17	9.5	***10***	***172***
Coolcaslagh	Sw3	101859.3	91642.2	2009/0092	07-Jan-09	14:25	0.59	7.6	4.4	313	107	22	9.6	***746***	4.7	***1***	***11***
Coolcaslagh	Sw3	101859.3	91642.2	2009/1925	07-Apr-	11:20	<	***5.9***	1.5	153	35	18.5	9	***136***	8.9		

					05		0.02										
Coolcaslagh	Sw1	102081.4	91717.6	2006/0361	24-Jan-06	13:00	0.05	7.1	< 1	116	15	18	11.6	2	7.2		
Coolcaslagh	Sw1	102081.4	91717.6	2006/1673	20-Apr-06	11:15	0.05	7	1	108	59	16	11.5	2	8.4		
Coolcaslagh	Sw1	102081.4	91717.6	2006/3671	02-Aug-06	11:35	0.12	6.9	< 1	147	20	17	9.1	5	14.2		
Coolcaslagh	Sw1	102081.4	91717.6	2006/5005	12-Oct-06	11:13	< 0.02	6.5	1.1	115	261	18.5	10.4	2	12	***816***	***4718***
Coolcaslagh	Sw1	102081.4	91717.6	2007/0630	01-Feb-07	11:24	< 0.02	6.7	< 1	123	28	21	11.4	3	7.6		
Coolcaslagh	Sw1	102081.4	91717.6	2007/1949	17-Apr-07	10:50	0.05	7.1	1.7	132	22	17	10.8	3	9.3		
Coolcaslagh	Sw1	102081.4	91717.6	2007/3890	19-Jul-07	15:00	0.03	7	2	121	61	14	9.5	4	13.6		
Coolcaslagh	Sw1	102081.4	91717.6	2007/5832	25-Oct-07	11:12	0.04	6.8	< 1	120	34	24	11.2	< 1	7.5	***461***	***> 2419***
Coolcaslagh	Sw1	102081.4	91717.6	2008/0003	03-Jan-08	14:30	0.03	6.5	1.2	122	< 10	21.5	11.9	3	5.8		
Coolcaslagh	Sw1	102081.4	91717.6	2008/0467	23-Jan-08	15:25	0.05	8	1.4	108	49		10.7	***45***	10.3		
Coolcaslagh	Sw1	102081.4	91717.6	2008/1618	03-Apr-08	10:45	< 0.02	7	1.3	123	54	19	11.2	4	9.6		
Coolcaslagh	Sw1	102081.4	91717.6	2008/3667	17-Jul-08	11:05	0.05	7.3	1.5	123	22	18	10.2	4	13.9		
Coolcaslagh	Sw1	102081.4	91717.6	2008/5815	04-Nov-08	11:10	< 0.02	7	< 1	112	16	17	11.5	< 1	7.6	***148***	***436***
Coolcaslagh	Sw1	102081.4	91717.6	2009/0091	07-Jan-09	14:50	0.07	7.2	2	137	38	22	13	***82***	2.8	***308***	***1553***
Coolcaslagh	Sw1	102081.4	91717.6	2009/1924	07-Apr-09	11:55	< 0.02	7.1	1.6	133	40	20	11.8	***31***	7.5		
Coolcaslagh	Sw1	102081.4	91717.6	2009/3580	08-Jul-09	11:32	0.02	6.9	< 1	118	39	8	9.5	3	14.3		
Coolcaslagh	Sw1A	102145.6	91752.9	2009/5096	01-Oct-09	12:05	< 0.02	7.3	< 1	125	25	17	10.5	4	12.7		
Coolcaslagh	Sw1A	102145.6	91752.9	2010/4740	12-Oct-10	14:40	< 0.02	7	< 1	119	20	12	10.7	23	11.2		
Coolcaslagh	Sw1A	102145.6	91752.9	2010/0208	20-Jan-10	12:30	0.03	6.8	< 1	88	30	16	12.3	2	4.3		
Coolcaslagh	Sw1A	102145.6	91752.9	2010/1470	08-Apr-10	12:10	0.04	6.4	< 1	176	16	15	12.1	< 1	8.2		
Coolcaslagh	Sw1A	102145.6	91752.9	2010/3101	14-Jul-10	10:30	0.04	7.2	< 1	124	29	17	9.6	< 1	14.1	***1046***	***13687***
Coolcaslagh	pipe 40m d/s of SW1A	102081.4	91717.6	2010/4745	12-Oct-10	14:55	0.18	8.2	1.2	260	48	14.5	9	***678***	13.2		
Coolcaslagh	Sw3	101859	91642	2003/0157	15-Jan-03	11:15	< 0.02	6.9	1	110	10	22	10.8	9	10.5		
Coolcaslagh	Sw3	101859	91642	2003/1928	16-Apr-03	12:37	< 0.02	6.7	< 1	97	10		9.1	3	11.7		

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*
Coolcaslagh	Sw1	102081	91718	2003/0156	15-Jan-03	11:47	0.06	6.7	1.2	124		25	10.8		10.5		
Coolcaslagh	Sw1	102081	91718	2003/1927	16-Apr-03	12:25	< 0.02	7.1	< 1	118	30	17	10.1	5	11.9		
Coolcaslagh	Sw1	102081	91718	2003/3668	09-Jul-03	14:50	< 0.02	7.3	1.8	143	24	17.5	8.9	6	1.7		
Coolcaslagh	Sw1	102081	91718	2003/5463	01-Oct-03	12:04	< 0.02	7.3	< 1	156	< 10	19	9.9	1.5	10.7	***146***	***2755***
Coolcaslagh	Sw1	102081	91718	2004/0259	15-Jan-04	12:40	0.09	6.6	1.9	111	82	21	11.2	***46***	7.2		
Coolcaslagh	Sw1	102081	91718	2004/1650	06-Apr-04	11:12	< 0.02	7.1	< 1	116	24	17.5	10.7	2	7.7		
Coolcaslagh	Sw1	102081.4	91717.6	2004/3711	21-Jul-04	10:45	0.07	7.2	< 1	138	26	20.5	11.8	4	13.7	***866***	***4570***
Coolcaslagh	Sw1	102081.4	91717.6	2004/5217	06-Oct-04	11:52	0.11	7.1	1.8	101	67	17	10.5	19	10.5		
Coolcaslagh	Sw1	102081.4	91717.6	2005/0355	19-Jan-05	11:38	0.12	6.7	1.5	132	20	27.5	11.4	14	8.3		
Coolcaslagh	Sw1	102081.4	91717.6	2005/1717	12-Apr-05	12:40	< 0.02	7.2	< 1	116	< 10	18.5	11.6		9.8		
Coolcaslagh	Sw1	102081.4	91717.6	2005/3607	14-Jul-05	12:02	0.29	7.1	1.6	162	21	20	8.4	10	15.7		
Coolcaslagh	Sw1	102081.4	91717.6	2005/5295	13-Oct-	11:40	<	7.1	< 1	135	21	18	11.7	2	7.3	***579***	***> 2419***

Coolcaslagh	FE1	2005/1725	12-Apr-05	13:50	*27.8*	6.5	*1314*	*983*	*8650*	*7100*	9.6	*6464*	putrid
Coolcaslagh	FE1	2005/3612	14-Jul-05	12:36	*688*	5.9	*1674*	*1547*	2810	*616*	17.3	*156*	putrid
Coolcaslagh	FE1	2005/5300	13-Oct-05	11:55	0.52	7.2	90	152	375	*254*	14	*47*	OILY ODOUR
Coolcaslagh	FE1	2006/0369	24-Jan-06	12:00		6.1	*4662*	*723*	13760	*9880*	8	*15556*	putrid
Coolcaslagh	FE1	2006/1679	20-Apr-06	11:28	*26*	5.7	*769*	*825*	1213	*100*	10.4	*24*	Sour
Coolcaslagh	FE1	2006/3679	02-Aug-06	12:14	*183*	6.6	*2385*	*2600*	4980	*1360*	17.2		putrid
Coolcaslagh	FE1	2006/5012	12-Oct-06	11:48	*33*	***4.2***	*1440*	*1154*	3250	*236*	14.4	*51*	Sour/Putrid
Coolcaslagh	FE1	2007/0638	01-Feb-07	12:38	*72*	***5.9***	*1074*	*1603*	5010	*291*	8	*2560*	putrid/sour
Coolcaslagh	FE1	2007/1954	17-Apr-07	12:10	*23*	6.1	4.6	*868*	1130	*122*	10.8	*80*	putrid/sour
Coolcaslagh	FE1	2007/3898	19-Jul-07	15:30	*18.4*	7.7	468	*852*	1186	*227*	15.8	*118*	putrid
Coolcaslagh	FE1	2007/5837	25-Oct-07	11:50	*36*	7.2	*1478*	*656*	*7710*	*9150*	13.5	*21*	Putrid
Coolcaslagh	FE1	2008/0009	03-Jan-08	14:50	12.9	6.7	*1185*	*642*	*16160*	*2726*	7.7	*28*	oily/diesel
Coolcaslagh	FE1	2008/1624	03-Apr-08	12:00	1.06	6.9	14	189	80	***42***	9.4	6.3	
Coolcaslagh	FE1	2008/3673	17-Jul-08	11:30	9.66	6.7	162	128	624	***100***		***25.7***	oily/petrol
Coolcaslagh	FE1	2008/5823	04-Nov-08	11:45	2.08	6.5	123	*428*	390	***140***	10.4	19.5	oily/sewage
Coolcaslagh	FE1	2009/0097	07-Jan-09	15:05	< 0.02	7.1	***816***	*1266*	4220	***7460***	7.7	***533***	Strong petrol-like odour
Coolcaslagh	FE1	2009/1931	07-Apr-09	12:25	***39.8***	6.3	*2230*	*1213*	***9530***	***479***		***295***	putrid
Coolcaslagh	FE1	2009/3586	08-Jul-09	11:50	***45.3***	6.6	***533***	*1022*	810	***180***	15	***220***	putrid
Coolcaslagh	FE1	2009/5101	01-Oct-09	12:46	***69.2***	6.7	***557***	*1092*	832	***112***	14	2.2	Putrid/sewage
Coolcaslagh	FE1	2010/0214	20-Jan-10	13:00	3.54	6.7	86	267	653	***229***	9	***96.7***	Putrid/sewage
Coolcaslagh	FE1	2010/1471	08-Apr-10	12:30	5.75	6.6	488	*360*	1315	***933***	10	***489***	putrid/sewage
Coolcaslagh	FE1	2010/3107	14-Jul-10	11:18	17.6	6.8	211	*439*	804	***316***	14.5	***20.7***	anaerobic/oily
Coolcaslagh	FE1	2010/4744	12-Oct-10	15:30	14.8	6.6	*1638*	*426*	3350	***2875***	15.5	***2304***	Putrid

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*
Coolcaslagh	FE1	2003/0169	15-Jan-03	14:40	7.45	*4.4*	*1974*	*1119*	3960	*233*	12.6	*88*	Sour/Acidic
Coolcaslagh	FE1	2003/0402	23-Jan-03	15:00	*15.6*	*5.6*	*2036*	*1290*	2840				
Coolcaslagh	FE1	2003/1931	16-Apr-03	13:05	*87*	*5.4*	*5219*	*2740*	8860	*386*	12.8	*82*	Sour/Acidic
Coolcaslagh	FE1	2003/3365	27-Jun-03	12:00	*149*	*5.6*	*> 720*	*2760*	5820	*1075*			
Coolcaslagh	FE1	2003/3676	09-Jul-03	14:15	*127*	*5.4*	*6765*	*4200*	10330	*472*	20	*50*	putrid
Coolcaslagh	FE1	2003/5468	01-Oct-03	12:48	*121*	*5.6*	*4579*	*2950*	5280	*514*	14.5	*20*	sour/putrid
Coolcaslagh	FE1	2004/0044	06-Jan-04	16:14	*51.4*		*> 4000*		9820				putrid
Coolcaslagh	FE1	2004/0232	13-Jan-04	16:20	*14*	*4.8*			3310	*390*			putrid
Coolcaslagh	FE1	2004/0267	15-Jan-04	13:50	*35.8*	*5.9*	*1715*	*1484*	852	*236*	5.8	*24*	putrid
Coolcaslagh	FE1	2004/1656	06-Apr-04	11:55	*57*	*5.7*	*1740*	*1378*	2800	*292*	9.5	*64*	putrid
Coolcaslagh	FE1	2004/1976	27-Apr-04	16:00	*47.3*	6.3	*1092*	*1109*	1460	*888*		*100*	putrid
Coolcaslagh	FE1	2004/3717	21-Jul-04	11:23	*33.3*	*5.5*	*1572*	*1052*	1975	*912*	16.4	*49*	putrid
Coolcaslagh	FE1	2004/5224	06-Oct-04	12:26	*25.6*	6.1	*478*	*602*	685	*67*	12.2	*34*	putrid
Coolcaslagh	FE1	2005/0354	19-Jan-05	11:44	5.14	6.1	*296*	*376*	1203	*431*	9	*147*	putrid

Appendix II - Results of Foul and Surface Water Monitoring

Attn: Brian Lennon EE Waste Management **Friday, 28 January 2011**
Re: LABORATORY Results for Coolcaslagh 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 ***COOLCASLAGH Transfer station.*** The latest results are for July – Dec 2010.

An improvement has been noted relative to earlier results in water quality at SW3. SW4 still experiences contamination as evidenced from consistently above background ammonia levels. As effluent from transfer station is now tankered away from site it is evident that this slight contamination is not due to transfer station activity and possibly is a result of old landfill activity.
The higher than normal suspended solids would appear to be from excavation works not related to Landfill or transfer station and is part of an ongoing investigation.
No significant impact however is noted in main river channel (Woodford River SW1, SW6 and SW7)

David Lenihan MSc

Senior Executive Chemist

small batteries	*20 01 34; 20 01 33**	*1.28*
lead acid batteries (Car Batteries)	*16 06 01**	-
Ni-Cd batteries and Accumulators	*16 06 02**	
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	104.19
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*	*15.06*
white goods (electrical and electronic)	*20 01 36; 16 02 14*	*48.36*
televisions and PC monitors	*20 01 35*; 16 02 13*;*	*22.23*
ICT- Information and Communications Technology Equipment, e.g. Includes Computer Equipment	*16 02 14*	-
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**	*18.54*
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*	*2.60*
steel cans (packaging)	*15 01 04*	*6.17*
other metal packaging	*15 01 04*	-
other metals (non-packaging)(scrap)	*20 01 40*	*24.96*
plastic (Total)	15 01 02; 20 01 39	19.77
if segregated, provide the breakdown of plastic waste in the next two rows		-
plastic packaging(bottles)	*15 01 02*	*19.77*
plastic non-packaging	*20 01 39*	-
textiles (Total)	15 01 09; 20 01 11	1.92
if segregated, provide the breakdown of textiles in the next two rows		
textiles, packaging	15 01 09	-
textiles, non-packaging	20 01 11	1.92
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)		1.28

Appendix I - Waste Collected at Coolcaslagh Transfer Station and Recovered/Recycled offsite during reporting period

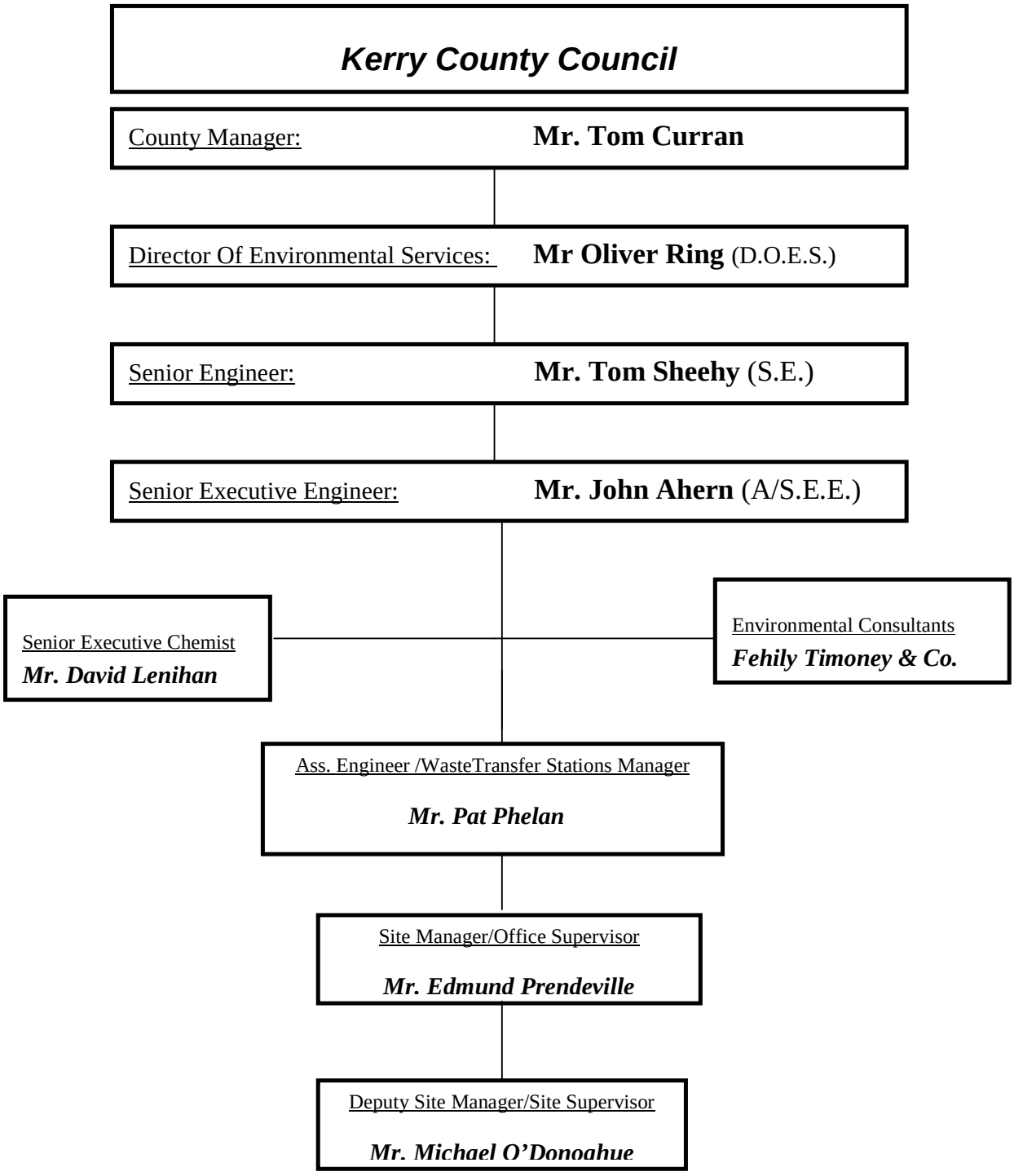
Material type	Suggested EWC Codes	Household Waste
organic waste (food and garden) Total	20 01 08; 20 02 01	-
if segregated, provide specific information on food and garden waste		
food	*20 01 08*	-
garden	*20 02 01*	-
mixed dry recyclables (eco-bags)	15 01 06; 20 03 01	1.62
cardboard, newspaper and other paper (Total)	15 01 01; 20 01 01	184.28
if segregated, provide the breakdown of cardboard and paper in the rows below		
**cardboard packaging*	*15 01 01*	*50.62*
cardboard non-packaging	*20 01 01*	-
paper packaging	*15 01 01*	-
paper non-packaging	*20 01 01*	*133.66*
**newspaper and magazines*	*20 01 01*	
glass (Total)	15 01 07; 20 01 02	59.33
if segregated, provide the breakdown of glass in the next two rows		
glass packaging(bottles)	*15 01 07*	*59.33*
glass non-packaging(sheet)	*20 01 02*	-
metals (Total)	15 01 04; 20 01 40	33.73

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 €**
Accelem	Accelem(T)	Total Charge Euro
60030	Wages	1,692.63
60040	Salaries	2,883.02
60100	ER PRSI	649.36
60200	Overtime	1,248.95
60300	Arrears	-7.41
60500	Annual Leave	1,056.43
60600	Travel/Subsistence	219.36
61990	Other Allowances	44.82
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
73400	Staff Travelling & Subsistence Expenses	0.00
76000	Communication Expenses	110.23
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
	Total	7,980.59

15 Report on Financial Provision

a) Statement of Costs for Waste Operations at Facility

Waste 2010		
Accelem	**Accelem(T)**	**Total Charge €**
60030	Wages	62,378.15
60040	Salaries	8,649.30
60100	ER PRSI	11,749.04
60200	Overtime	42,876.87
60300	Arrears	-22.24
60400	Sick Pay	268.30
60500	Annual Leave	8,279.66
60510	Bank Holiday Leave	2,389.98
60600	Travel/Subsistence	7,951.80
61990	Other Allowances	1,889.91
65500	Minor Contracts- Trade Services & other works	77,923.60
67500	Non-Capital Equip Purchase - Computers	0.00
68000	Non-Capital Equip Purchase - Office Equip/Furn	0.00
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	24.93
69200	Repairs & Maint - Plant	896.02
69250	Repairs & Maint -Computer Equip	0.00
69400	Transfers from Machinery Yard	5,012.50
69600	Other Vehicle Expenses	0.00
70000	Materials	8,364.79
70970	Issues From Stores No Markup	302.53
70990	Issues from Stores	6,048.91
70991	Returns to Stores	-365.58
71000	Insurance	393.06
73400	Staff Travelling & Subsistence Expenses	3,297.96
74500	Entertainment Expenses and Associated Expenses	457.38
76000	Communication Expenses	998.00
77100	Courier	33.64
77200	Security - Property	1,016.34
78000	Training	63.90
79900	Consultancy/Professional Fees and Expenses	0.00
80000	Advertising	724.97
81000	Printing & Office Consumables	1,104.64
82100	Statutory Contributions to Other Bodies	7,612.72
85100	Rates & Other LA Charges	574.90
86000	Energy	5,674.36
99000	Miscellaneous Expenses	100.00
99050	Refunds	28.20
	Total	266,698.53

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

Objective	***Target***	***Progress***
Continue to promote kerbside and infacility recovery and recycling.	Ongoing	Ongoing
Promote & increase WEEE collection.	Ongoing	Ongoing
Investigate treating foul effluent on site	December 2010	Not carried out due to funding constraints

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.
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	
Cardboard and Textiles	Promote & increase collection of cardboard and textiles	Increased promotion and marketing of service

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.

f) Landfill gas

The levels of methane gas and carbon dioxide recorded have reduced significantly (**CH_4** - L1: 34.6 % v/v, L2: 12.6 % v/v. **CO_2** – L1: 24.2% v/v, L2: 5.8% v/v) compared to 2008 and 2009. The landfill gas monitoring results are attached in Appendix III.

8.0 Resource and Energy Consumption Summary

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

8.1 Diesel

The diesel usage for Coolcaslagh Transfer Station for the reporting period 2010 was 4,216 litres. The primary usage of diesel is for the rubber tyred excavator on site and the oil burner in the steam washer.

8.2 Electricity

The electricity usage for the facility during the reporting period was 23,680 kilowatt hours. This is a decrease of 4,920 kilowatt hours compared to the reporting period 1st Jan – 31st Dec 2009. This can primarily be attributed to the downturn in activity due to the current economic environment.

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 144,000 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.

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. An improvement has been noted relative to earlier results in water quality at SW3. SW4 still experiences contamination as evidenced from consistently above background ammonia levels. As from site it is evident that this slight contamination is not due to transfer station activity and possibly is a result of old landfill activity.
The higher than normal suspended solids would appear to be from excavation works not related to the Landfill or Transfer Station and is part of an ongoing investigation. No significant impact however is noted in the main river channel (Woodford River SW1, SW6 and SW7).

d) Biological Monitoring.

Kerry County Council inadvertently neglected to carry out biological monitoring of the Woodford River during 2010. However, there were no issues or complaints in relation to the water quality of the Woodford River as a result of activities at the facility during 2010. The results of the biological monitoring over the last few years also contain no evidence of any impact on the biological water quality of the Woodford River from the activities at Coolcaslagh Waste Transfer Station.
Kerry County Council will carry out biological monitoring in 2011.

e) Foul Water

The foul water emission results are attached in Appendix II. All of the foul water from the facility has been transported off site for treatment since February 2001.

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 Coolcaslagh 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

Foul water from the facility, including the transfer station shed, compactor and the bin transverse area is collected in a holding tank on site and the effluent is tankered to Killarney Wastewater Treatment Plant. During 2010 Kerry County Council transported 387.04 T of foul effluent and silt/sludge from the facility for treatment in Killarney Wastewater Treatment Plant. The foul water effluent is monitored quarterly and the results are sent to the EPA and are also available at the Coolcaslagh facility.

b) Surface Water Emissions

Surface water runoff takes place from site roads and uncontaminated surfaces and discharges via silt traps to the surface water drains. An oil interceptor is fitted on the surface water discharge pipe from the bin marshalling yard.

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.

The quantities of waste sent for recycling decreased in comparison to last year, particularly for dry recyclables, glass, cardboard and batteries. 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	40.41	29.6	39.9
Glass	117.6	115 est.	59.33
Aluminium	12.4	10 est.	2.6
Batteries	17.0	15 est.	1.28
Newspapers	139.8	125.05	133.66
Cardboard	67.5	54.95	50.62
Fluorescent Tubes	0.2	0.54	0
Domestic Hazardous Waste	0.1	0.76	0
Plastic Bottles	17.2	19.46	19.77
Waste Engine Oil	3.5	3.06	0
WEEE	125.01	91.627	104.19
Dry Recyclables	6.5	4.28	1.62[1]
Organics	26.32	23.43	0
Textiles	0	0	1.92
Total for Recycling/Recovery	**573.54**	**664.43**	**414.89**

[1] Dry recyclables collected in eco sense bags only

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 and recovered/recycled 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 Coolcaslagh 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 Coolcaslagh Transfer Station Facility for disposal for the reporting period was 4,037.18 Tonnes. This comprises of the following breakdown:

Waste for Disposal	***Tonnes***	
	2009	***2010***
Municipal waste collected by Local Authority & Private Contractors	2,287.43	1,925.39
Commercial & Industrial	114.78	419.34
Road Sweepings & Graveyard Waste	194.42	178.58
Flytipping	34.04	40.14
Public Domestic	2,128.45	1,473.73
Total for Disposal	**4,759.12**	**4,037.18**

Table 1 Waste Stream Break down 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 Coolcaslagh Transfer Station are in accordance with Part 1 of Waste Licence W0072-01 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 Coolcaslagh, Killarney, Co. Kerry which is located approximately 5 km east of the town of Killarney. The facility is located in the townland of Coolcaslagh on the county road L2507 and approximately 3 km from Lisyvigeen Cross on the N22.

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 in Muingnaminane, Tralee.

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 B of Waste Licence W0072-01 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 Coolcaslagh Transfer Station are in accordance with Part 1 of Waste Licence W0072-01 which outlines the waste disposal activities licensed in accordance with the Third Schedule of the Waste Management Act 1996. Licensed activities include:

Table of Contents

Section **Page**

1 Introduction…….....2

2 Reporting Period…….……..2

3 Waste Activities Carried out at the facility …….…….....2

4 Quantity and Composition of Waste Received, Disposed and Recovered in 2010……....4

5 Projections of the quantities to be accepted and percentages disposed and recycled/ recovered for the coming year ……6

6 Summary Report on Emissions…….....6

7 Summary of Results and Interpretations of Environmental Monitoring …….….6

8 Resource and Energy Consumption Summary.……..……...……..…..8

9 Report on Development Works Undertaken during the Reporting Period……...9

10 Timescale for Proposed Works during the coming year…….....9

11 Schedule of Environmental Objectives and Targets for forthcoming year…….10

12 Report on Progress towards achievement of the 2009 Environmental Objectives and Targets……11

13 Summary of Procedures Developed by the Licensee……..11

14 Reported Incidents and Complaints……...….11

15 Report on Financial Provision ……....12

16 Management and Staffing Structure of the Facility……..……..14

17 Programme for Public Information…….15

Appendix I : Waste Collected at Coolcaslagh Transfer Station for Recovery/Recycling during reporting period…….……..16

Appendix II : Results of Foul and Surface Water Monitoring…….....19

Appendix III: Landfill Gas Summary……..31

Appendix IV: AER/PRTR Return 2010……...32

Kerry County Council

Waste Licence Ref No. W0072-01

REPORT TITLE

Coolcaslagh Transfer Station, Killarney
Annual Environmental Report

Reporting Period:

January 2010 – December 2010

Prepared By:
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