

Killybegs WWTP

AER 2011

D011

Discharges from the agglomeration

The main discharge from the agglomeration arises from the population and from the fish based industry in Killybegs and of these the fishmeal plant run by UFI is an IPPIC licenced premises. There is a large seasonal factor in the fish based discharges, which peaks in late winter to early spring and falls to almost zero in summer. The Fish based industry treat their waste prior to discharge via DAF units however there is no further treatment of either municipal or industrial waste prior to its discharge to waters. Proposals to install a municipal treatment plant and a long sea outfall to take a combined treated municipal waste water and the fish based effluent have been approved by the DEHLG and construction began on the site in 2010. This contract involved the construction of a Main Pumping Station located on the site of the decommissioned Waste Water Treatment works in Killybegs to the South of the town and was completed in January 2012. All of the Industrial effluent, Municipal effluent and storm water from the town of Killybegs now flows to the Main Pumping Station in separate streams and is pumped from here. All existing outfalls and overflows have been decommissioned apart from the outfall from the original Waste Water Treatment Works which remains in place and continues to be used for Municipal effluent. The Industrial (generated and treated by fish processors) is pumped via the Marine outfall to the outer Harbour approximately 3km South of the original outfall. The Municipal effluent will eventually be pumped to the proposed new Waste Water Treatment works for Killybegs (to be constructed later as a separate contract) and will return from there and join the industrial effluent also to discharge via the Marine outfall to the outer harbour.

The existing Pumping Station No.1 on the Shore Road has been refurbished as part of this contract. The refurbishment has eliminated the discharge of effluent to the inner harbour through various storm overflows and all flows are now delivered from here to the new main Pumping Station.

Summary report on monthly influent monitoring:

The Average results and the range for the annual monitoring carried out is given Below.

Note1: As there is no treatment influent = effluent

	BOD mg/l	COD mg/l	SS mg/l	Total P	Total N
Avg	1008	1295	372	29	126.7
Range	8.26-3316	39-4025	39-1172	1.98-100	10.8-318.3

UWWT requirements

A copy of the UWWT returns for Killybegs is attached see Appendix 1

Complaints summary:

There were no complaints related to this discharge in 2011

PRTR 2011 report

A copy of the PRTR report for 2011 is attached please see Appendix 2. It should be noted that the figures reported are based on inserting the full volumetric load into the Untreated Storm Enter Data cell as the discharge in question is untreated. There is no flow meter currently available on the discharge. It is recognised that this is required under the licence however it was not possible to resource the purchase and installation of this equipment until the project for the new works began. The Flow meter is due to be installed and operational by November 2011. The load calculations have been based on estimates based on the water usage and sea water intake. As no treatment takes place no sludge etc is generated hence no values are entered in this section

PRTR 2011 report

As the new works is not due to go into operation until January 2012 the 2011 PRTR report will be largely similar to the 2010 report.

Dangerous substances report and measures

There are no known sources of dangerous substances within the agglomeration. Elevated levels of Zn are most likely to be from domestic water piping and galvanised metal cladding on buildings. This is a common phenomenon and no measures have been identified to reduce these levels.

Effluent Toxicity report

The analysis for 2011 is attached.

Ambient monitoring summary

Ambient monitoring was carried out in 2011 see Appendix 2.

Storm Water overflow identification and inspection

Storm water discharged from SWX approximately 10=15% of the time due to rainfall events and high volumes of discharge during the winter fishing season. The new waste water collection network has helped to eliminate this.

Reported Incident summary

There were no reported incidents

Report on progress made in 2011

Significant progress was made in 2011 with the commencement of construction of the new works which went operation in January 2012.

Development and infrastructural works summary

The proposed development of the Killybegs waste water infrastructure including the EIS etc is available as part of the licence application. As previously stated 2010 saw the commencement of construction of the new works which has been in operation since January 2012.

Coastal Habitat monitoring:

Not applicable at this time.

Environmental Liabilities Measures

Please see attached ELRA report

Appendix 1 2011 UWWT Results.

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Appendix 2. Ambient Monitoring 2011.

Location	Name	Lab ref.	Date	Temp degree c	Dissolved Oxygen	DIN(asN)	Chlorophyll	Ortho P	Faecal Coliforms	Escherichia coli	Intestinal enterococci
Killybegs	ASW2-1	112503399	14/06/2011	14.3	10.89	0.061		<0.003			
Killybegs	ASW2-1	112503484	20/06/2011	15.5	10.79	0.054		0.003			
Killybegs	ASW2-1	112504126	25/07/2011	14.00	10.13	0.045	1.95		ND	ND	31
Killybegs	ASW2-1	112505347	29/09/2011	14.00	9.92	0.019	1.75	0.009	60	20	
Killybegs	ASW2-1	112506096	16/11/2011	11.20	10.18	0.022	0.24	0.004			
Killybegs	ASW2-1	112506172	22/11/2011	11.20	10.87						
Killybegs	ASW2-2	112503400	14/06/2011	13.8	11.01	0.035	2.34	<0.003			
Killybegs	ASW2-2	112503485	20/06/2011	15.2	10.97	0.059		0.003			
Killybegs	ASW2-2	112504127	25/07/2011	14.00	9.97	0.019	1.95		41	41	<1
Killybegs	ASW2-2	112505348	29/09/2011	14.00	9.92	0.033	2.24	0.003	40	10	
Killybegs	ASW2-2	112506097	16/11/2011	11.20	10.35	0.022	0.24	0.004			
Killybegs	ASW2-2	112506173	22/11/2011	11.20	10.74						
Killybegs	ASW2-3	112503401	14/06/2011	13.70	11.06	0.022	1.17	<0.003			
Killybegs	ASW2-3	112503486	20/06/2011	15.20	10.97	0.041		<0.003			
Killybegs	ASW2-3	112504128	25/07/2011	14.00	9.98	0.016	1.75		ND	ND	<1
Killybegs	ASW2-3	112505349	29/09/2011	14.00	9.95	0.049	2.34	<0.003	30	<10	
Killybegs	ASW2-3	112506098	16/11/2011	11.40	10.33	0.022	0.29	0.003	10	10	ND
Killybegs	ASW2-3	112506174	22/11/2011	11.20	10.82				41	<10	<10
Killybegs	ASW2-4	112503402	14/06/2011	13.70	11.10	0.019	2.72	<0.003			

Killybegs	ASW2-4	112503487	20/06/2011	15.10	11.03	0.051		0.005			
Killybegs	ASW2-4	112504129	25/07/2011	14.00	9.98	0.014	1.95		ND	ND	<1
Killybegs	ASW2-4	112505350	29/09/2011	14.00	9.74	0.177	2.19	0.004	20	<10	
Killybegs	ASW2-4	112506099	16/11/2011	11.40	10.32	0.027	0.24	0.003	10	10	ND
Killybegs	ASW2-4	112506175	22/11/2011	11.10	10.78	AR	0.29		<10	<10	<10
Killybegs	ASW2-5	112503403	14/06/2011	13.70	11.09	0.016		<0.003			
Killybegs	ASW2-5	112503488	20/06/2011	14.90	11.05	0.012		0.003			
Killybegs	ASW2-5	112504130	25/07/2011	14.00	9.90	0.017	1.75		ND	ND	<1
Killybegs	ASW2-5	112505351	29/09/2011	14.00	9.91	0.015	1.95	0.006	<10	<10	
Killybegs	ASW2-5	112506100	16/11/2011	11.20	10.28	0.048	0.19	0.003			
Killybegs	ASW2-5	112506176	22/11/2011	11.00	10.8	AR	0.24				
Killybegs	ASW2-6	112503404	14/06/2011	14.30	10.77	0.053	1.75	<0.003			
Killybegs	ASW2-6	112503489	20/06/2011	14.90	11.01	0.052		0.003			
Killybegs	ASW2-6	112504131	25/07/2011	14.00	9.85	0.014	1.17		ND	ND	<1
Killybegs	ASW2-6	112505352	29/09/2011	14.00	9.96		1.95	0.009	<10	<10	
Killybegs	ASW2-6	112506101	16/11/2011	11.20	10.40	0.079	0.29	0.003			
Killybegs	ASW2-6	112506177	22/11/2011	11.00	10.79		0.29				
Killybegs	ASW8-1	112502077	16/03/2011	9.00	10.04		2.53	0.254			
Killybegs	ASW8-1	112503110	26/05/2011	10.00	9.78		0.78				
Killybegs	ASW8-1	112503621	28/06/2011	13.00	8.71	0.054	3.7	0.031			
Killybegs	ASW8-1	112504192	26/07/2011	13.00	9.10	0.096	3.31				
Killybegs	ASW8-1	112504450	11/08/2011	15.00	8.41	2.788	4.14				
Killybegs	ASW8-1	112505353	29/09/2011	14.00	8.72	10.387	3.11	1.515	>2419.6	>2419.6	
Killybegs	ASW8-1	112506102	16/11/2011	11.00	8.84	1	0.29	0.306	2440	2220	200
Killybegs	ASW8-1	112506178	22/11/2011	11.30	8.32		0.24		960	100	<10

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TOXICOLOGICAL ANALYSIS REPORT

Form No.: ToxF035-1 Ver 2.3

TEST RESULTS

Customer: Donegal County Council

Customer sample description: Killybegs effluent, 17-18.10.11

Tox. Ref. No.: 11T125-2

Test Date: 18.10.11 – *Psetta maxima*
19.10.11 – *Tisbe battagliai*

Test Parameter	Test Results		95% Confidence Limits % vol./vol.	Method of Calculation
	Concentration % vol./vol.	Toxic Units		
96 h LC ₅₀ to <i>Psetta maxima</i>	>32	<3.1	n/a	n/a
48 h LC ₅₀ to <i>Tisbe battagliai</i>	>32	<3.1	n/a	n/a

Comments:

96 h LC₅₀ to *Psetta maxima*
No mortality occurred at 32% vol./vol.

48 h LC₅₀ to *Tisbe battagliai*
No mortality occurred at 32% vol./vol.

Test Method(s): (see Appendix on back of page 6)

Method 7: Marine fish, *Psetta maxima*
Method 3: Marine copepod, *Tisbe battagliai*

TOXICOLOGICAL ANALYSIS REPORT

Form No.: ToxF035-1 Ver 2.3

TEST RESULTS

Customer: Donegal County Council

Customer sample description: Killybegs effluent, 17-18.10.11

Tox. Ref. No.: 11T125-2

Test Date: 18.10.11 – *Skeletonema costatum*
21.10.11 – *Vibrio fischeri*

Test Parameter	Test Results		95% Confidence Limits % vol./vol.	Method of Calculation
	Concentration % vol./vol.	Toxic Units		
72 h IC ₅₀ to <i>Skeletonema costatum</i>	1.8	55.6	1.6-2.0	Log-linear Interpolation
30 min EC ₅₀ to <i>Vibrio fischeri</i>	0.86	116	0.59-1.25	Microtox

Comments:

72 h IC₅₀ to *Skeletonema costatum*

100% growth inhibition occurred at 3.2% vol./vol.
8% growth inhibition occurred at 1.0% vol./vol.
6% growth inhibition occurred at 0.32% vol./vol.
- compared to the control.

30 min EC₅₀ to *Vibrio fischeri*

46% light inhibition occurred at 0.9% vol./vol.
32% light inhibition occurred at 0.3% vol./vol.
15% light inhibition occurred at 0.1% vol./vol.
5% light inhibition occurred at 0.03% vol./vol.
- compared to the control.

Test Method(s): (see Appendix on back of page 6)

Method 4: Marine algae, *Skeletonema costatum*

Method 2: Marine bacterium, *Vibrio fischeri*

[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR 2011

1. FACILITY IDENTIFICATION

Parent Company Name	Donegal County Council
Facility Name	Killybegs Waste Water Treatment Plant
PRTR Identification Number	D0011
Licence Number	D0011-01

Waste or IPPC Classes of Activity

No.	class_name
30.4	General

Address 1	C/O Donegal County Council
Address 2	Lifford
Address 3	Co. Donegal
Address 4	
	Donegal
Country	Ireland
Coordinates of Location	-8.43805 54.6289
River Basin District	GBNIIENW
NACE Code	3700
Main Economic Activity	Sewerage
AER Returns Contact Name	Donal Casey
AER Returns Contact Email Address	donal.casey@donegalcoco.ie
AER Returns Contact Position	Senior Executive Chemist
AER Returns Contact Telephone Number	07849122787
AER Returns Contact Mobile Phone Number	09072533126
AER Returns Contact Fax Number	0749122423
Production Volume	0.0
Production Volume Units	
Number of Installations	0
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(f)	Urban waste-water treatment plants

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 ?	

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

[PRTR# : D0011 | Facility Name : Killybegs Waste Water Treatment Plant | Filename : D0011_2011.xls | Return Year : 2011]

23/07/2012 10:58

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR									
POLLUTANT		METHOD			Please enter all quantities in this section in KGs				
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	QUANTITY			
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
01	Methane (CH4)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	0.0
02	Carbon monoxide (CO)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	0.0
03	Carbon dioxide (CO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	555126.6	0.0	555126.6	
05	Nitrous oxide (N2O)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	2.1	0.0	2.1	
07	Non-methane volatile organic compounds (NMVOC)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	0.0
11	Sulphur oxides (SOx/SO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	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 PRTR POLLUTANTS

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

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

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:	Killybegs Waste Water Treatment Plant				
Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
	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

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			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
44	1,2,3,4,5,6-hexachlorocyclohexane(HCH)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
34	1,2-dichloroethane (EDC)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
25	Alachlor	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
61	Anthracene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
17	Arsenic and compounds (as As)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
27	Atrazine	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
91	Benzo(g,h,i)perylene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
18	Cadmium and compounds (as Cd)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
28	Chlordane	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
30	Chlorfenvinphos	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
79	Chlorides (as Cl)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
31	Chloro-alkanes, C10-C13	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
19	Chromium and compounds (as Cr)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
20	Copper and compounds (as Cu)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
82	Cyanides (as total CN)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
33	DDT	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
70	Di-(2-ethyl hexyl) phthalate (DEHP)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
36	Dieldrin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
37	Diuron	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
38	Endosulphan	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
65	Ethyl benzene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
88	Fluoranthene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
83	Fluorides (as total F)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
40	Halogenated organic compounds (as AOX)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
42	Hexachlorobenzene (HCB)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
43	Hexachlorobutadiene (HCBd)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
89	Isodrin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
23	Lead and compounds (as Pb)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
45	Lindane	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
21	Mercury and compounds (as Hg)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
68	Naphthalene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
22	Nickel and compounds (as Ni)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
64	Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
69	Organotin compounds (as total Sn)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
48	Pentachlorobenzene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
71	Phenols (as total C)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
50	Polychlorinated biphenyls (PCBs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
72	Polycyclic aromatic hydrocarbons (PAHs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
52	Tetrachloroethylene (PER)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
73	Toluene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
12	Total nitrogen	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
76	Total organic carbon (TOC) (as total C or COD/3)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
13	Total phosphorus	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
57	Trichloroethylene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
77	Trifluralin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
75	Triphenyltin and compounds	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
60	Vinyl chloride	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
78	Xylenes	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0
24	Zinc and compounds (as Zn)	E	ESTIMATE	EPA UWWTP Tool v4.0	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 PRTR POLLUTANTS

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
238	Ammonia (as N)	M	OTH	(enter method)	0.0	0.0	0.0	0.0
303	BOD	M	OTH	(enter method)	0.0	0.0	0.0	0.0
306	COD	M	OTH	(enter method)	0.0	0.0	0.0	0.0
362	Kjeldahl Nitrogen	M	OTH	(enter method)	0.0	0.0	0.0	0.0
327	Nitrate (as N)	M	OTH	(enter method)	0.0	0.0	0.0	0.0
372	Nitrite (as N)	M	OTH	(enter method)	0.0	0.0	0.0	0.0
332	Ortho-phosphate (as PO4)	M	OTH	(enter method)	0.0	0.0	0.0	0.0
240	Suspended Solids	M	OTH	(enter method)	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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : D0011 | Facility Name : Killybegs Waste Water Treatment Plant | Filename : D0011_2011

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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			
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	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			
Pollutant No.	Name	M/C/E	Method Code	Method Used 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 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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : D0011 | Facility Name : Killybegs Waste Water Treatment Plant | Filename : D0011_2011.xls | Return Year : 2011 |

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Please enter all quantities on this sheet in Tonnes

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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					

* 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](#)