Facility Information Summary	
Licence Register Number	P0606-03
Name of site	Great Island Generating Station
Site Location	Campile, New Ross, Co. Wexford
NACE Code	4010
Class of Activity	Production and Supply of electricity
RBME risk category	B1
National Grid Reference (6E, 6 N)	E268907 N114574

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

The plant is located on the Barrow/Suir estuary. It has three generating units, giving a total electricity generating capacity of 240 MW. All are conventional steam generating units, two of the conventional units have capacities of 60 MW, the third being 120 MW. Each unit is independent and consists of a boiler, steam turbine and auxiliary plant. The station is fired on heavy fuel oil shipped directly to site and stored in the station's own oil farm area. During 2011 there has been a reduction in overall running hours for the station (reducing approximately to 27% of 2010 figures) caused by increased wind generation and lower energy demands. The running of the station is also dependant on its age, reliability and market conditions; hence the station no longer operates on a base load mode. A further trend of decrease for the station total running hours is predicted for the coming years.

From a global amount of 267 running hours in the station during 2011:

☐ Unit 1 had a total running hours of 53 hrs, which is the equivalent of 19.85% of the station's total running time for 2011for Great Island.

☐ Unit 2 ran a total running hours of 51 hrs, which is the equivalent of 19.10% of the station's total running time.

☐ Unit 3 ran for a total of 163 hrs, which is the equivalent of 61.05% of the station's total running time.

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

Melissa Morrissey	28/03/2012
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AER summary template-AIR emissions

			Additional information
1	Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table 5 and 6) you only need to complete table 1 fugitive emissions on site below	Yes	

Table 1 Fugitive emissions

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantificaton method M/C/E
Dust	4802.99	M
Sulphur oxides (SOx/SO2)	53957.5	M
Carbon dioxide (CO2)	11352200	C
Nitrogen oxides (NOx/NO2)	20843.2	M

Periodic/Non-Continuous Monitoring

2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table 2 below		Yes	There was a number of failures of the Continous Emission Mointoring System (CEMS) reported to the Agency throughout the year. In one incident on U3, particulates were shown to have exceeded licence limits in November, but this is believed to have been caused by a fault with the CEMS filters on the system rather than operation of Unit
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?	Basic air monitoring checklist AGN2	Yes	External Agent was used to complete Crosscheck on Unit 2. Agent complies with Agency air monitoring guidance requirements.

Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
A1-2	Dust	22/03/2011	250	97 % of 48 hour averages < 110 % of ELV	17.57: 69.65: 60.74: 242.30: 100.63	mg/Nm3	yes	BS EN 13284	786	-20.69	
A1-2	Sulphur oxides (SOx/SO2)	22/03/2011	1700	97 % of 48 hour averages < 110 % of ELV	468.27 567.67 571.62 597.39 610.78	mg/Nm3	yes	BS EN 13284	7209	-55.95	
A1-2	Nitrogen oxides (NOx/NO2)	22/03/2011	850	95 % of all 48 hour averages < 110 % of ELV	264.87 310.31 312.46 329.82 352.69	mg/Nm3	yes	BS EN 13284	3736	-59.55	

Note 1: Volumetric flow shall be included as a reportable parameter

Continuous Monitoring

4	Does your site carry out continuous air emissions monitoring?	Yes	
	If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	Yes	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	During 2011, the service agreement expired with the agent for the Unit 3 CEMS. This lead to some delays in repairs. An agreement has now been put in place.
7	Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	No	

Table 3: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision therof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
A1-1	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	140.79	235.25	7	Mar	Dust Probe failed
A1-1	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	185.94	356.47	0	June	U1 operated in March, June and August.
A1-1	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	142.88	155.83	0	August	The unit was not operated in any other month.
A1-1	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1452	1472	0	Mar	U1 operated in March, June and August.
A1-1	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1478	1490	0	June	The unit was not operated in any other month.
A1-1	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1475	1476	0	August	
A1-1	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	604.5	714.6	0	Mar	U1 operated in March, June and August.
A1-1	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	835.2	889.6	0	June	The unit was not operated in any other month.
A1-1	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	324.4	702.5	0	August	
A1-2	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	66.8	136.93	0	Mar	U2 operated in March, June, August & December.
A1-2	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	54.61	90.81	0	June	The unit was not operated in any other month.
A1-2	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	62.25	185.44	0	August	Unit only operated one day in each month
A1-2	Dust	250	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	17.35	20.84	0	December	

A1-2	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1467	1516	0	Mar	U2 operated in March, June, August & December.
A1-2	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1478	1482	0	June	The unit was not operated in any other month.
A1-2	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1473	1520	0	August	Unit only operated one day in each month
A1-2	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1534	1565	0	December	
A1-2	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	785.4	870.3	0	Mar	U2 operated in March, June, August & December.
A1-2	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	789.5	804.2	0	June	The unit was not operated in any other month.
A1-2	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	767.6	1058.9	0	August	Unit only operated one day in each month
A1-2	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	699	762.4	0	December	
A1-3	Dust	200	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	123.4	156.2	94.6 for year	April	U3 CEMS had 3 ysytem failures whilst the unit was operating during 2011. One related to a faulty motherboard, the second a light blockage and the third the input module failed
A1-3	Dust	200	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	197.7	260.9	94.6 for year	August	U3 did not operate in Jan, Feb, Mar, May, June, July, or September.
A1-3	Dust	200	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	274.7	398.2	94.6 for year	October	U3 ran 1 day in December - readings were not recorded due to system failure
A1-3	Dust	200	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	258.7	273.5	94.6 for year	November	
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1585.9	1640.2	94.6 for year	April	U3 CEMS had 3 ysytem failures whilst the unit was operating during 2011. One related to a faulty motherboard, the second a light blockage and the third the input module failed

A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1607.2	1616.9	94.6 for year	August	U3 did not operate in Jan, Feb, Mar, May, June, July, or September.
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1630.5	1680.4	94.6 for year	October	U3 ran 1 day in December - readings were not recorded due to system failure
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1592.6	1608.3	94.6 for year	November	
A1-3	Nitrogen oxides (NOx/NO2)	900	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	691.2	770.1	94.6 for year	April	U3 CEMS had 3 ysytem failures whilst the unit was operating during 2011. One related to a faulty motherboard, the second a light blockage and the third the input module failed
A1-3	Nitrogen oxides (NOx/NO2)	900	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	629.5	636.9	94.6 for year	August	U3 did not operate in Jan, Feb, Mar, May, June, July, or September.
A1-3	Nitrogen oxides (NOx/NO2)	900	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	690	900.6	94.6 for year	October	U3 ran 1 day in December - readings were not recorded due to system failure
A1-3	Nitrogen oxides (NOx/NO2)	900	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	512.6	631	94.6 for year	November	

note 1: Volumetric flow shall be included as a reportable parameter.

Table 4: Abatement system bypass reporting table

Bypass protocol

Date*	Duration** (hours)	Location	Reason for bypass	Corrective action

* this should include all dates that an abatement system bypass occurred

** an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out table 5

No	

Table 5: Solvent Management Plan Summary Total VOC Emission limit value			Solvent regulations	Please refer to linked solvent regulations to complete table 5 and 6	
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance
					SELECT
					SELECT

Table 6: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste gases(kg)	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-passes (kg)	Solvents destroyed onsite through physical reaction e.g. incineration(kg)	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table 1 and /table 2 below for ambient monitoring and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table 2 below summarising only any evidence of contamination noted during visual inspections	Yes	

Table 1 Ambient monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
BH2	downstream	SELECT	Aluminium	07/04/2011	none	All results < 1.2 x ELV	39	µg/L	yes	
BH2	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
BH2	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	<0.010	mg/L	yes	
BH2	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
BH2	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.053	mg/L	yes	
BH2	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7.6	pH units	yes	
BH2	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
BH2	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	<0.1	mg/L	yes	
BH2	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	>100	CFU/100ml	yes	
BH3	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
BH3	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
BH3	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	<0.010	mg/L	yes	
BH3	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
BH3	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.046	mg/L	yes	
BH3	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7.9	pH units	yes	
BH3	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
BH3	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	,0.1	mg/L	yes	
BH3	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	<100	CFU/100ml	yes	
MW101	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW101	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	5	µg/L	yes	
MW101	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	0.011	mg/L	yes	
MW101	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
MW101	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.051	mg/L	yes	
MW101	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8.4	pH units	yes	
MW101	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	

MW101	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	30	CFU/100ml	yes	
MW102	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	12	µg/L	yes	
MW102	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	13	µg/L	yes	
MW102	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	0.018	mg/L	yes	
MW102	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	1.6	µg/L	yes	
MW102	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.045	mg/L	yes	
MW102	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8.3	pH units	yes	
MW102	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW102	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	95	CFU/100ml	yes	
MW103	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	35	µg/L	yes	
MW103	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	26	µg/L	yes	
MW103	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	0.017	mg/L	yes	
MW103	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
MW103	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.053	mg/L	yes	
MW103	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8.6	pH units	yes	
MW103	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	26	µg/L	yes	
MW103	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	66	CFU/100ml	yes	
MW107	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW107	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
MW107	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	<0.010	mg/L	yes	
MW107	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
MW107	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.018	mg/L	yes	
MW107	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7.1	pH units	yes	
MW107	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW107	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	>100	CFU/100ml	yes	
MW200	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	13	µg/L	yes	
MW200	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
MW200	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	0.038	mg/L	yes	
MW200	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	0.41	µg/L	yes	
MW200	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.28	mg/L	yes	
MW200	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7.3	pH units	yes	
MW200	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW200	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	<0.1	mg/L	yes	

MW200	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	>100	CFU/100ml	yes	
MW202	downstream		Aluminium	07/04/2011	none	All results < 1.2 x ELV	22	µg/L	yes	
MW202	downstream		Arsenic	07/04/2011	none	All results < 1.2 x ELV	8	µg/L	yes	
MW202	downstream		Mineral oils	07/04/2011	none	All results < 1.2 x ELV	0.022	mg/L	yes	
MW202	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.20	µg/L	yes	
MW202	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.065	mg/L	yes	
MW202	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8.3	pH units	yes	
MW202	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	11	µg/L	yes	
MW202	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	16	mg/L	yes	
MW202	downstream		Coliforms	07/04/2011	none	All results < 1.2 x ELV	52	CFU/100ml	yes	
BH5	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8	pH units	yes	
BH5	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	210	µg/L	yes	
BH5	downstream		Lead	07/04/2011	none	All results < 1.2 x ELV	<2	µg/L	yes	
BH5	downstream		Chromium	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
BH5	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.02	mg/L	yes	
BH5	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	0.37	µg/L	yes	
BH5	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	<0.1	mg/L	yes	
BH7	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7	pH units	yes	
BH7	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
BH7	downstream		Lead	07/04/2011	none	All results < 1.2 x ELV	<2	µg/L	yes	
BH7	downstream		Chromium	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
BH7	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.026	mg/L	yes	
BH7	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.2	µg/L	yes	
BH7	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	<0.1	mg/L	yes	
MW106	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	7.6	pH units	yes	
MW106	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	
MW106	downstream		Lead	07/04/2011	none	All results < 1.2 x ELV	<2	µg/L	yes	
MW106	downstream		Chromium	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
MW106	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.053	mg/L	yes	
MW106	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	<0.2	µg/L	yes	
MW106	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	<0.1	mg/L	yes	
BH10	downstream		pH	07/04/2011	none	No pH value shall deviate from the specified range.	8	pH units	yes	
BH10	downstream		Vanadium	07/04/2011	none	All results < 1.2 x ELV	<10	µg/L	yes	

BH10	downstream		Lead	07/04/2011	none	All results < 1.2 x ELV	<2	µg/L	yes	
BH10	downstream		Chromium	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	
BH10	downstream		TPH	07/04/2011	none	All results < 1.2 x ELV	0.12	mg/L	yes	
BH10	downstream	Polycyclic aromatic hydrocarbons (PAHs)	PAH	07/04/2011	none	All results < 1.2 x ELV	0.32	µg/L	yes	
BH10	downstream		Ammonia	07/04/2011	none	All results < 1.2 x ELV	1.4	mg/L	yes	
ASW1	downstream		Trichloromethane	07/04/2011	none	All results < 1.2 x ELV	<1	µg/L	yes	

*trigger values may be agreed by the Agency outside of licence conditions

Table 2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
SW12	25/07/2011	Drain not clear	site	Interceptor skimmed	
SW12	03/08/2011	Drain not clear	site	Interceptor skimmed	

Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table 3 below			Yes	The concentration of Phosphorus at emission point SW3 has exceeded the Emission Limit Value set out in Schedule B.2 of P0606-03. The Foul Water Treatment System installed at Great Island Generating Station is Puraflow" type treatment, which was installed prior these limits been imposed. As part of the construction of the new Combined Cycle Gas Turbine (CCGT), a new treatment facility is to be installed. It is the intention that the treatment system will operate in compliance with the parameter emission limits specified under Schedule B.2.
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	External /Internal Lab Quality checklist	Assessment of results checklist	Yes	

Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision therof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
SW1	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	9 8 8 14	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006			Only two samples were attained this year due to low running regime.
SW2	Water	LICENCED	discrete	08/04/11 04/11/11	when pumps are r	0.5	All results < 1.2 x ELV	0.35 0.45	mg/L	yes	Spectrophotometry (Colorimetry)	Manufacturer method				
SW2	Water	volumetric flow	discrete	January to December 2011	Annual	439,489,200	No flow value shall exceed the	7,042,256	m3	yes	INSTRUMENTAL METHODS					
SW3	Water	Suspended Solids	discrete	30/06/11 30/09/11 31/12/11	Quarterly	35	All results < 1.2 x ELV	7 8 12	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW2540D	0.03121		
SW3	Water	BOD	discrete	30/06/11 30/09/11 31/12/11	Quarterly	25	All results < 1.2 x ELV	10 12 10	mg/L	yes	Dissolved Oxygen Meter (Electrode)	Other (please specify)	SMEWW5210B	0.036998		
SW3	Water	Ammonia (as N)	discrete	30/06/11 30/09/11 31/12/11	Quarterly	5	All results < 1.2 x ELV	0.88 3.52 4.9	mg/L	yes	Spectrophotometry (Colorimetry)	Other (please specify)	SMEWW4500F	0.01749		
SW3	Water	Total phosphorus	discrete	30/06/11 31/12/11	Quarterly	2	All results < 1.2 x ELV	5.1 4.2	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	Other (please specify)	SMEWW4500-P B	0.01612		The Sewage treatment system presently in place
SW3	Water	COD	discrete	30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	74 34 35	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006	0.01652		

SW4	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	No sample available on any date	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006			No samples were retrieveable from this point during 2011, as there was
SW5	Water	pH	discrete	2011	Weekly	6 to 10	No pH value shall deviate from the specified range.	Average: 7.09	pH units	yes	pH Meter (Electrode)					
SW5	Water	Temperature	discrete	2011	Weekly	None	No temperature value shall exceed the limit value.	Average: 18.87	degrees C	yes	INSTRUMENTAL METHODS					
SW5	Water	Suspended Solids	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	None	All results < 1.2 x ELV	2 1 2 2.66	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW2540D	0.02145		
SW6	Water	pH	discrete	2011	Weekly	6 to 10	No pH value shall deviate from the specified range.	Average: 7.54	pH units	yes	pH Meter (Electrode)					
SW6	Water	Temperature	discrete	2011	Weekly	None	No temperature value shall exceed the limit value.	Average: 13.67	degrees C	yes	INSTRUMENTAL METHODS					
SW6	Water	Suspended Solids	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	None	All results < 1.2 x ELV	7 23 1.33	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW2540D	0.01168		
SW6	Water	Mineral oils	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	20	All results < 1.2 x ELV	0.044 0.01 0.021 0.066	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW5520B	0.00004		
SW7	Water	Mineral oils	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	20	All results < 1.2 x ELV	0.03 0.01 No Sample 0.027	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW5520B	0.00002		
SW7	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	5 35 No Sample 4	µg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006	0.01643		
SW8	Water	Chlorine	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	None	All results < 1.2 x ELV	No sample available on any date	mg/L	yes	Spectrophotometry (Colorimetry)		DPD			No sample attainable due to low running regime
SW10	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	7 6 8 7	µg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006			
SW11	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	No sample available on any date	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006			No sample was attained as drain was dry during monitoring periods
SW12	Water	COD	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	87 27 21 15	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP006			
SW13	Water	Ammonia (as N)	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	34	All results < 1.2 x ELV	0.665	kg/day	yes	Spectrophotometry (Colorimetry)	Other (please specify)	SMEWW4500F	0.00529		
SW13	Water	Suspended Solids	discrete	31/03/11 30/06/11 30/09/11 31/12/11	Quarterly	100	All results < 1.2 x ELV	15 1 7 8.6	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW2540D	0.06281		

SW13	Water	volumetric flow	discrete	January to December 2011	Annual	54,750	No flow value shall exceed the specific limit.	6346.53	m3	yes	INSTRUMENTAL METHODS					

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

Continuous monitoring

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	Yes	pH & temperature

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table 4 below**	No	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	No	Maintained by our own staff
8	Did abatement system bypass occur during the reporting year? **If yes please complete table 5 below**	No	

Table 4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
SW2	Water	Temperature	Delta 12°C	24 hour	No temperature value shall exceed the limit .value	degrees C	Average Delta 1.4	-50	0	100	Temperature change for SW2 Condenser Cooling Water were within license ELV for both Parameters. The maximum and minimum values were also within the stated ELVs.
SW13	Water	pH	6 to 9	each run	No pH value shall deviate from the .specified range	pH units	8	2.56	0	100	There were no pH excursions outside the ELV set between 6 and 9 for the monthly pH mean values for 2011.

note 1: Volumetric flow shall be included as a reportable parameter.

Table 5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/pipe testing report summary ALL IPPC/WASTE licensed facilities | Intensive agriculture facilities please use alternative template

Bund testing | dropdown menu click to see options

			Additional information
1	Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table 1 below listing all bunds and containment structures on site	Yes	
2	Please provide integrity testing frequency period	3 years	
3	Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)	Yes	EMS 10 Reference Data Manual

Table 1: Summary details of bund integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
T101	reinforced concrete		Transformer	52.2	28.35	Hydraulic test		03/08/2011	Yes	Pass		SELECT		
T102	reinforced concrete		Transformer	52.2	28.35	Hydraulic test		03/08/2011	Yes	Pass				
ST101	reinforced concrete		Transformer	42.4	13.82	Hydraulic test		03/08/2011	Yes	Pass				
ST102	reinforced concrete		Transformer	42.4	13.82	Hydraulic test		03/08/2011	Yes	Pass				
T2003	reinforced concrete		Transformer	57.3	52.1	Hydraulic test		03/08/2011	Yes	Pass				
UT3	reinforced concrete		Transformer	7.3	5.68	Hydraulic test		19/01/2009	Yes	Pass				
Heavy Fuel Oil Tank	reinforced concrete		Heavy WasteOil	Underground	50	Structural assessment		19/02/2009	Yes	Pass	Bund decommissoned in 2011			
Light Fuel Oil Tank	reinforced concrete		Light Waste Oil	Underground	18	Structural assessment		19/02/2009	Yes	Pass	Bund decommissoned in 2011			
Stripping Tank Bund	general purpose concrete/masonry		Heavy Fuel Oil	100.98	35 (tank capable of 100)	Hydraulic test		24/01/2009	Yes	Pass	Bund decommissoned in 2011			
Sulphuric Acid	general purpose concrete/masonry		Sulphuric Acid	33	24.5	Hydraulic test		04/02/2009	Yes	Pass				
Caustic Soda	general purpose concrete/masonry		Causitc Soda	33	29.25	Hydraulic test		29/01/2009	Yes	Pass				
Ammonia A Station	general purpose concrete/masonry		Ammonia	3.4	0.8	Hydraulic test		Not tested			Bund decommissoned			
Ammonia B Station	general purpose concrete/masonry		Ammonia	3.4	0.8	Hydraulic test		24/01/2009	Yes	Pass				
Hydrazine A Station	general purpose concrete/masonry		Hyrazine	3.4	0.8	Hydraulic test		27/01/2009	Yes	Pass				
Hydrazine B Station	general purpose concrete/masonry		Hyrazine	3.4	0.8	Hydraulic test		24/01/2009	Yes	Pass				
Chem Stores Bunds	prefabricated		Lube and Waste Oils	1.2 & 2.2		Hydraulic test		18/10/2010	Yes	Pass	Purchased new in 2010			
HFO Bund	reinforced concrete		Heavy Fuel Oil	16490	26000	Structural assessment		11/04/2011	Yes	Pass		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

			Commentary
4	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? (bunding and storage guidelines)	Yes	
5	Are channels/transfer systems to remote containment systems tested?	No	
6	Are channels/transfer systems compliant in both integrity and available volume?	SELECT	
7	Do all sumps and chambers have high level liquid alarms?	No	
8	If yes to Q7 are these failsafe systems included in a maintenance and testing programme?	SELECT	

Pipeline/underground structure testing

1	Are you required by your licence to undertake integrity testing on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site	Yes	
2	Please provide integrity testing frequency period	Other (please specify)	To be completed before the plant ceases operation in accordance with EPA letter dated 04/08/2011

Table 2: Summary details of underground structures/pipeline integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Neutralisation Sump	Process	Mix (please specify) Lined concrt	No	None	Visual Inspection	Yes	Fail	Lining broken down -aggregate exposed		Jan-11	Pass

Please use commentary for additional details not answered by tables/ questions above

		Yes	No	N/A						
	a)invest in capital improvem	b) operational improvements	c)nothing		1	2	3	4	5	7	8
reinforced concrete	general purpose concret	prefabricated	other (please specify)							
Pass	Fail									
Storm	Foul	Process								
steel	ceramic	concrete	pvc	polypropylene	other(please specify)	Mix (please specify)				
Double walled piping	Pipe in channel	Other (please specify)								
CCTV	Hydraulic	Air	Combination							
Replaced section	Relined	Repaired crack	Removed obstruction	Other (please describe)						
3 years	Other (please specify)									
Hydraulic test	Structural assessment	Other (please specify)								

Tank and Pipeline assessment reporting-Intensive Agriculture sector only

			Additional information if required
1	Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?	SELECT	
2	is it a requirement of your licence to submit a programme for agreement to the Agency prior to carrying out a tank and pipeline assessment?	SELECT	
3	If yes has a programme been submitted to the Agency for agreement on the testing and inspection of under and over-ground effluent storage tanks and pipelines? Please enter date of submission in additional information	SELECT	
4	What method has been proposed for the testing of under and over ground effluent storage tanks and pipelines?	SELECT	
5	Has the testing and inspection of under and over ground effluent storage tanks and pipelines been completed during the current reporting year? If no please enter date last tank and pipeline assessment was completed in additional information.	SELECT	
6	If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information	SELECT	
7	If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information	SELECT	
8	If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail in additional information	SELECT	
9	If yes to Q8 please detail proposed or completed remediation work in additional information		
10	Are there any leak detection systems on site? Please see Department of Agricultures S126 and EPA guidance on Storage and Bunding of materials for required systems S126.pdf bunding and storage guidelines	SELECT	
11	From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table 1	SELECT	
12	Was it a requirement of your licence to analyse samples for the current reporting year. If yes please enter details of any samples taken in table 2 below	SELECT	
13	When is the next tank and pipeline assessment due?		
14	Does the licensee consider they are compliant with licence conditions?	SELECT	
15	Include details of any other findings of report		

Table 1: Visual inspection of leak detection chamber

Date	Evidence of discharge	Samples taken (reference in table 2)

Table 2: Samples collected from leak detection chamber

Date	Sample frequency	Sample id	Colour/Odour	Parameter	ELV (If applicable)	Measured value
	SELECT					
	SELECT					

Table 3 Storage capacity for Organic Fertiliser

Total organic fertiliser storage capacity (m3)	Quantity of organic fertiliser generated by the animals housed on site in previous reporting year	Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in previous reporting year	Quantity of organic fertiliser on site at the start of reporting year	Quantity of organic fertiliser at close of current reporting year	Have records of movement of organic fertiliser (record 3) for the previous calendar year been submitted to DAFM?
					SELECT

*DAFM -Department of Agriculture Food and Marine

Complaints

		Additional information
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	No	

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		

Total complaints open at start of reporting year	
Total new complaints received during reporting year	
Total complaints closed during reporting year	
Balance of complaints end of reporting year	

Incidents

		Additional information
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes	6

*For information on how to report and what constitutes an incident	What is an incident

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Liklihood of reoccurence
26/01/2011	Monitoring equipment offline	Licenced discharge point (type in reference here)	1. Minor	Air	Plant or equipment issues	Unit 3 CEMS (A1-3)	Normal activities	EPA	New	Service Level agreement to be put in place. Maintenance Contractor visit to increase from 1/annum to 4/annum	Increased monitoring and checking of system. Remote access to system for EHS personnel.	Complete	16/02/2012	Medium
22/03/2011	Monitoring equipment offline	Licenced discharge point (type in reference here)	1. Minor	Air	Plant or equipment issues	Unit 1 CEMS (A1-1) Dust Probe	Normal activities	EPA	New	Maintenance Agent contacted re:repair	Regular checking and testing by contractor	Complete	31/01/2011	Low
17/08/2011	Spillage	Other location (please specify here)	1. Minor	No Uncontrolled release	Plant or equipment issues	Unit 1 burner front to basement	Normal activities	EPA	New	Boiler shut down. Drains blocked with absorbents. Interceptors closed. Emergency Clean up crew (ENVA) contacted	Mechanical investigations undertaken on all burners. All burners remved and spot welded	Complete	31/08/2011	Low
21/11/2011	Breach of ELV	Licenced discharge point (type in reference here)	1. Minor	Air	Plant or equipment issues	Unit 3 CEMS (A1-3) NOX readings absent. Dust above ELV	Normal activities	EPA	New	Instrument investigated. Mirrors clouded. Cleaned and re-adjusted.	Maintenance contractor called to site. ELV for dust had been showing high for a couple of runs. Most likely not an exceedance as instrumnet not measuring correct	Complete	22/11/2011	Medium
18/12/2011	Monitoring equipment offline	Licenced discharge point (type in reference here)	1. Minor	Air	Plant or equipment issues	Unit 3 CEMS (A1-3) Input Module failure	Normal activities	EPA	New	Maintenance Agent contacted re:repair		Complete	10/01/2012	Medium
30/06/11& 31/12/11	Breach of ELV	Licenced discharge point (type in reference here)	1. Minor	Water	Plant or equipment issues	SW3	Normal activities	EPA	New	New licence as of March 11 -Imposed stricter P levels from effluent treatment. Exisitng sewage system to be demolished as part of new build	New system to be installed	Ongoing	31/05/2012	Low

Total number of incidents current year	6

Total number of incidents previous year	7
% reduction/ increase	14%

Groundwater /Contaminated land summary report

			Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	yes	
5	Is the contamination related to operations at the facility (either current and/or historic)	yes	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	yes	Landfill sealed in 2005
7	Please specify the proposed time frame for the remediation strategy	no	
8	Is there a licence condition to carry out/update ELRA for the site?	yes	
9	Has any type of risk assesment been carried out for the site?	yes	
10	Has a Conceptual Site Model been developed for the site?	yes	Site QRA completed as part of licence review process
11	Have potential receptors been identified on and off site?	yes	
12	Is there evidence that contamination is migrating offsite?	no	

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in pollutant concentration over last 5 years of monitoring data
							SELECT				SELECT
							SELECT				SELECT

.+ where average indicates arithmetic mean

.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
07/04/2011	BH2	Aluminium	GFAAS	Annual	39	39	µg/L	150		56	no
07/04/2011	BH2	Arsenic	ICP-OES	Annual	<1	<1	µg/L	7.5		0	no
07/04/2011	BH2	Mineral oils	GC-MS	Annual	<0.010	<0.010	mg/L	0.01	IGV	-44	no
07/04/2011	BH2	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS	0	no
07/04/2011	BH2	TPH	GC-FID	Annual	0.053	0.053	mg/L	0.01	IGV	-1.9	yes
07/04/2011	BH2	pH	Hydrogen Ion selective electrode	Annual	7.6	7.6	pH units	6.5 to 9.5	IGV	0	no
07/04/2011	BH2	Vanadium	ICP-OES	Annual	<10	<10	µg/L	NV			data not available
07/04/2011	BH2	Ammonia	Colourimetric	Annual	<0.1	<0.1	mg/L	0.15	IGV		data not available
07/04/2011	BH2	Coliforms	Membrane filtration	Annual	>100	>100	CFU/100ml	0			data not available

07/04/2011	BH3	Aluminium	GFAAS	Annual	<10	<10	µg/L	150		0	no
07/04/2011	BH3	Arsenic	ICP-OES	Annual	<1	<1	µg/L	7.5		0	no
07/04/2011	BH3	Mineral oils	GC-MS	Annual	<0.010	<0.010	mg/L	0.01	IGV	0	no
07/04/2011	BH3	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS	0	no
07/04/2011	BH3	TPH	GC-FID	Annual	0.046	0.046	mg/L			-19	yes
07/04/2011	BH3	pH	Hydrogen Ion selective electrode	Annual	7.9	7.9	pH units	6.5 to 9.5	IGV	-1	no
07/04/2011	BH3	Vanadium	ICP-OES	Annual	<10	<10	µg/L	NV			data not available
07/04/2011	BH3	Ammonia	Colourimetric	Annual	,0.1	,0.1	mg/L	0.15	IGV		data not available
07/04/2011	BH3	Coliforms	Membrane filtration	Annual	<100	<100	CFU/100ml	0			data not available
07/04/2011	MW101	Aluminium	GFAAS	Annual	<10	<10	µg/L	150		0	no
07/04/2011	MW101	Arsenic	ICP-OES	Annual	5	5	µg/L	7.5		-59	no
07/04/2011	MW101	Mineral oils	GC-MS	Annual	0.011	0.011	mg/L	0.01	IGV	0	no
07/04/2011	MW101	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS	0	no
07/04/2011	MW101	TPH	GC-FID	Annual	0.051	0.051	mg/L	0.01	IGV	-6	yes
07/04/2011	MW101	pH	Hydrogen Ion selective electrode	Annual	8.4	8.4	pH units	6.5 to 9.5	IGV	0	no
07/04/2011	MW101	Vanadium	ICP-OES	Annual	<10	<10	µg/L	NV			data not available
07/04/2011	MW101	Coliforms	Membrane filtration	Annual	30	30	CFU/100ml	0			data not available
07/04/2011	MW102	Aluminium	GFAAS	Annual	12	12	µg/L	150			data not available
07/04/2011	MW102	Arsenic	ICP-OES	Annual	13	13	µg/L	7.5			data not available
07/04/2011	MW102	Mineral oils	GC-MS	Annual	0.018	0.018	mg/L	0.01	IGV		data not available
07/04/2011	MW102	PAH	GC-MS	Annual	1.6	1.6	µg/L	<0.2	SW EQS		data not available
07/04/2011	MW102	TPH	GC-FID	Annual	0.045	0.045	mg/L	0.01	IGV		data not available
07/04/2011	MW102	pH	Hydrogen Ion selective electrode	Annual	8.3	8.3	pH units	6.5 to 9.5	IGV		data not available
07/04/2011	MW102	Vanadium	ICP-OES	Annual	<10	<10	µg/L	NV			data not available
07/04/2011	MW102	Coliforms	Membrane filtration	Annual	95	95	CFU/100ml	0			data not available
07/04/2011	MW103	Aluminium	GFAAS	Annual	35	35	µg/L	150			data not available
07/04/2011	MW103	Arsenic	ICP-OES	Annual	26	26	µg/L	7.5			data not available
07/04/2011	MW103	Mineral oils	GC-MS	Annual	0.017	0.017	mg/L	0.01	IGV		data not available
07/04/2011	MW103	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS		data not available
07/04/2011	MW103	TPH	GC-FID	Annual	0.053	0.053	mg/L	0.01	IGV		data not available
07/04/2011	MW103	pH	Hydrogen Ion selective electrode	Annual	8.6	8.6	pH units	6.5 to 9.5	IGV		data not available
07/04/2011	MW103	Vanadium	ICP-OES	Annual	26	26	µg/L	NV			data not available
07/04/2011	MW103	Coliforms	Membrane filtration	Annual	66	66	CFU/100ml	0			data not available
07/04/2011	MW107	Aluminium	GFAAS	Annual	<10	<10	µg/L	150		0	no
07/04/2011	MW107	Arsenic	ICP-OES	Annual	<1	<1	µg/L	7.5		0	no
07/04/2011	MW107	Mineral oils	GC-MS	Annual	<0.010	<0.010	mg/L	0.01	IGV	-62	no
07/04/2011	MW107	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS	0	no
07/04/2011	MW107	TPH	GC-FID	Annual	0.018	0.018	mg/L			-70	yes
07/04/2011	MW107	pH	Hydrogen Ion selective electrode	Annual	7.1	7.1	pH units	6.5 to 9.5	IGV	3	no
07/04/2011	MW107	Vanadium	ICP-OES	Annual	<10	<10	µg/L	0.01	IGV		data not available

07/04/2011	MW107	Coliforms	Membrane filtration	Annual	>100	>100	CFU/100ml	0			data not available
07/04/2011	MW200	Aluminium	GFAAS	Annual	13	13	µg/L	150		23	no
07/04/2011	MW200	Arsenic	ICP-OES	Annual	<1	<1	µg/L	7.5		0	no
07/04/2011	MW200	Mineral oils	GC-MS	Annual	0.038	0.038	mg/L	0.01		34	yes
07/04/2011	MW200	PAH	GC-MS	Annual	0.41	0.41	µg/L	<0.2	SW EQS	0	no
07/04/2011	MW200	TPH	GC-FID	Annual	0.28	0.28	mg/L	0.01	IGV	430	yes
07/04/2011	MW200	pH	Hydrogen Ion selective electrode	Annual	7.3	7.3	pH units	6.5 to 9.5	IGV	3	no
07/04/2011	MW200	Vanadium	ICP-OES	Annual	<10	<10	µg/L	NV			data not available
07/04/2011	MW200	Ammonia	Colourimetric	Annual	<0.1	<0.1	mg/L	0.15	IGV		data not available
07/04/2011	MW200	Coliforms	Membrane filtration	Annual	>100	>100	CFU/100ml	0			data not available
07/04/2011	MW202	Aluminium	GFAAS	Annual	22	22	µg/L	150			data not available
07/04/2011	MW202	Arsenic	ICP-OES	Annual	8	8	µg/L	7.5			data not available
07/04/2011	MW202	Mineral oils	GC-MS	Annual	0.022	0.022	mg/L	0.01	IGV		data not available
07/04/2011	MW202	PAH	GC-MS	Annual	<0.20	<0.20	µg/L	<0.2	SW EQS		data not available
07/04/2011	MW202	TPH	GC-FID	Annual	0.065	0.065	mg/L				data not available
07/04/2011	MW202	pH	Hydrogen Ion selective electrode	Annual	8.3	8.3	pH units	6.5 to 9.5	IGV		data not available
07/04/2011	MW202	Vanadium	ICP-OES	Annual	11	11	µg/L	NV			data not available
07/04/2011	MW202	Ammonia	Colourimetric	Annual	16	16	mg/L	0.15	IGV		data not available
07/04/2011	MW202	Coliforms	Membrane filtration	Annual	52	52	CFU/100ml	0			data not available
07/04/2011	BH5	pH	Hydrogen Ion selective electrode	Biennially	8	8	pH units	6.5 to 9.5	IGV	8	no
07/04/2011	BH5	Vanadium	ICP-OES	Biennially	210	210	µg/L	NV		61	no
07/04/2011	BH5	Lead	GFAAS	Biennially	<2	<2	µg/L	18.75		0	no
07/04/2011	BH5	Chromium	GFAAS	Biennially	<1	<1	µg/L	37.5		0	no
07/04/2011	BH5	TPH	GC-FID	Biennially	0.02	0.02	mg/L	0.01	IGV	-90	yes
07/04/2011	BH5	PAH	GC-MS	Biennially	0.37	0.37	µg/L	<0.2	SW EQS	85	no
07/04/2011	BH5	Ammonia	Colourimetric	Biennially	<0.1	<0.1	mg/L	0.15	IGV		data not available
07/04/2011	BH7	pH	Hydrogen Ion selective electrode	Biennially	7	7	pH units	6.5 to 9.5	IGV	2	
07/04/2011	BH7	Vanadium	ICP-OES	Biennially	<10	<10	µg/L	NV		0	no
07/04/2011	BH7	Lead	GFAAS	Biennially	<2	<2	µg/L	18.75		0	no
07/04/2011	BH7	Chromium	GFAAS	Biennially	<1	<1	µg/L	37.5		0	no
07/04/2011	BH7	TPH	GC-FID	Biennially	0.026	0.026	mg/L	0.01	IGV	-64	yes
07/04/2011	BH7	PAH	GC-MS	Biennially	<0.2	<0.2	µg/L	<0.2	SW EQS	0	no
07/04/2011	BH7	Ammonia	Colourimetric	Biennially	<0.1	<0.1	mg/L	0.15	IGV		data not available
07/04/2011	MW106	pH	Hydrogen Ion selective electrode	Biennially	7.6	7.6	pH units	6.5 to 9.5	IGV		data not available
07/04/2011	MW106	Vanadium	ICP-OES	Biennially	<10	<10	µg/L				data not available
07/04/2011	MW106	Lead	GFAAS	Biennially	<2	<2	µg/L	18.75			data not available
07/04/2011	MW106	Chromium	GFAAS	Biennially	<1	<1	µg/L	37.5			data not available
07/04/2011	MW106	TPH	GC-FID	Biennially	0.053	0.053	mg/L	0.01	IGV		data not available
07/04/2011	MW106	PAH	GC-MS	Biennially	<0.2	<0.2	µg/L	<0.2	SW EQS		data not available
07/04/2011	MW106	Ammonia	Colourimetric	Biennially	<0.1	<0.1	mg/L	0.15	IGV		data not available

07/04/2011	BH10	pH	Hydrogen Ion selective electrode	Biennially	8	8	pH units	6.5 to 9.5	IGV	2	no
07/04/2011	BH10	Vanadium	ICP-OES	Biennially	<10	<10	µg/L	NV		0	no
07/04/2011	BH10	Lead	GFAAS	Biennially	<2	<2	µg/L	18.75		0	no
07/04/2011	BH10	Chromium	GFAAS	Biennially	<1	<1	µg/L	37.5		0	no
07/04/2011	BH10	TPH	GC-FID	Biennially	0.12	0.12	mg/L	0.01	IGV	9	yes
07/04/2011	BH10	PAH	GC-MS	Biennially	0.32	0.32	µg/L	<0.2	SW EQS	60	no
07/04/2011	BH10	Ammonia	Colourimetric	Biennially	1.4	1.4	mg/L	0.15	IGV		data not available
							SELECT				SELECT

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

Surface water EQS	Groundwater regulations GTV's	Drinking water (private supply) standards	Drinking water (public supply) standards	Interim Guideline Values (IGV)

Table 3: Soil results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

Environmental Liability Risk Assessment

			Commentary
1	Is it a requirement of your licence to complete an ELRA?	Yes	
2	Has an initial ELRA been submitted to and approved by the Agency?	Yes	
3	Please enter the date of submission of the initial ELRA	Jul-10	
4	Date of most recent substantial ELRA update	Nov-11	
5	What financial instrument/s do you have in place to cover unknown liabilities?	Insurance	
6	Has this financial instrument/s been verified by the Agency?	Yes	
7	What is the date of expiry of this financial instrument?	01/07/2012	
8	Date of next required review of the ELRA?	2014	most likely before this date as construction commences

9 Please list the top 10 risks assessed on your site in table 1 below

Table 1 ELRA summary information

Click here to access EPA guidance on ELRA	Operational Risk Assessment Category	3

				Mitigation measures to reduce risk			ELRA		
Risk ID	Potential hazards	Environmental effect	Previous risk score	Action	Date of implementation of mitigation measures	Comment	Revised Risk score for current reporting year	ELRA costing	Does the current financial provision (FP) cover the risk score?
e.g Pipeline failure	Oil Spill in unbunded areas resulting in emissions to soil/groundwater/esturary	Emission to soil/groundwater or estuary	12	Infrastructural improvements	01/11/2011	Pipeline re-routed	12	€1,375	Yes
Fuel storage	Oil spill due to bund failure	Emission to surface water /soil/groundwater contamination	12	Operational controls	Ongoing	Regular inspections of bunds. Procedures/checklist in place for unloading/loading activities. OSCP In place	12	€1,375	Yes
Chemical storage	Chemical spill/leak due to bund failure	Emission to soil/groundwater or estuary	8	Nothing		Bunds coated in acid and basic resistant material	8	€4,125	Yes
Pipeline failure	Leaks from underground cables	Emission to soil/groundwater	8	Nothing		Ongoing monitoring and checking	8	€4,125	Yes
Fuel storage	Leak Transformer Oil spill due to bund failure	Emission to soil/groundwater	8	Operational controls	Ongoing	Regular inspections	8	€4,125	Yes
Fuel storage	Leak from Waste Oil tanks - would require bund failure	Emission of oil to surface water /soil/groundwater contamination	8	Operational controls	Ongoing	Regular inspections	8	€4,125	Yes
Pipeline failure	Leaks from site drains	Emissions to soil/groundwater/estuary	8	Operational controls	Ongoing	Regular inspections	8	€4,125	Yes
Fuel storage	Release of transformer oil - would require bund and interceptor failure	Emission to Surface water/estuary	6	Operational controls	Ongoing	Regular inspections	6	€413	Yes
Fire	Fire/explosion resulting from significant fire risk	Emission of firewater to the estuary due to overloading of bunds & drains	4	Nothing		Fire Fighting Drill ran regulary incorporating environmental concerns	4	€1,375	Yes
Fuel storage	Oil spill due to bund failure	Emission to Surface water/estuary	4	Operational controls	Ongoing	Regular inspections	4	€1,375	Yes
SELECT			SELECT	SELECT			SELECT		SELECT
SELECT			SELECT	SELECT			SELECT		SELECT
Total			SELECT	SELECT			SELECT		SELECT

Closure Restoration Aftercare Management Plan/ Restoration plan (CRAMP/RP)

1	Was a closure or restoration plan a requirement of the licence?	Yes	Submitted on 28/02/2012
2	Has a closure plan submission been approved by the Agency?	Yes	
3	What is the timescale for submission?	within 12 months of grant of licence	
4	What financial instrument do you have in place to cover known liabilities?	Cash in bank	
5	What is the date of expiry of this financial instrument?		
6	What is the status of implementation of the plan?	Not implemented	

Table 2 CRAMP summary information (NON Landfill)

Date of submission of plan	Risk category	Closure plan in place	Clean closure	Restoration Aftercare Management Plan	Change in Risk category since previous year	Increase in risk category	Does the current financial provision cover the risk score?	Value of current financial provision for site
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	

	Environmental Management Programme (EMP)/Continuous Improvement Programme		
	Highlighted cells contain dropdown menu click to view		Additional Information
1	Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information	Yes	certified to ISO 14001
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Additional improvements	Demonstrate compliance to AG2	100	Using audit checklist provided	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Replacement of domestic water storage system	100	Smaller tank installed with associated new pipework.	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Development of ADR procedures and checklists for loading/unloading of dangerous goods	100	New procedures and checking of controls	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Review of Non-hazardous Waste Agent	100	Greenstar selected as new non-hazardous waste agent. Waterford Facility visited in Oct 2011	Section Head	Increased compliance with licence conditions
Waste reduction/Raw material usage efficiency	Review of hazardous Waste Agent	100	Enva Portlaois visited January 2011	Section Head	Increased compliance with licence conditions
Additional improvements	Environmental Management System Review	100	EMS developed to reflect all recent changes to station controls	Section Head	Improved Environmental Management Practices
Additional improvements	Reduction in Number of Incidents	100	Staff viligance	All personnel	Increased compliance with licence conditions
Energy Efficiency/Utility conservation	Redued Energy usage	100	Upgrade to lighting systems	Section Head	Installation of infrastructure

Waste reduction/Raw material usage efficiency	Increse the proportion of recycled waste	100	Continous monitoring of waste streams	Individual	Improved Environmental Management Practices
Additional improvements	ISO 14001 EMS Recertification	100	M<onitoring, Checking and continual improvement of plans & actions	Section Head	Improved Environmental Management Practices
Additional improvements	Environmental training	100	Training for staff in Spill Management, legislative changes, EMS, Environmental Awareness, ADR & CEMS Maintenance & checking	Section Head	Improved Environmental Management Practices
Noise reduction	Noise Monitoring Survey	0	Not completed until January 2012 due to low running regime	Section Head	Less complaints
	2012 EMP Program				
Groundwater protection	Landfill QRA	0	Due Nov 2012	Section Head	
Waste reduction/Raw material usage efficiency	Removal of dead legs in water system	0	Due Aug 2012	Section Head	
Additional improvements	Pipeline and Underground tank integrity survey	0	Due Nov 2012	Section Head	
Energy Efficiency/Utility conservation	NEAP Assessment	0	Due Dec 2012	Section Head	
Additional improvements	No Non conformance against IPPC licence	0	Due Dec 2012	Section Head	
Additional improvements	Acquire tech Amendment	0	Due June 2012	Section Head	
Additional improvements	ISO 14001 No non-conformances	0	Due Apr 2012	Section Head	
Additional improvements	Legal Compliance score target -7	0	Due Dec 2012	Section Head	
Additional improvements	Environmental Training	0	Due Dec 2012	Section Head	
Additional improvements	Implement EOLAS	0	Due June 2012	Section Head	
Additional improvements	Crisis Management Programme	0	Due Sept 2012	Section Head	
Additional improvements	HQ Env Committee reconvene	0	Due Dec 2012	Section Head	
Reduction of emissions to Water	Bund Integrity Assessments	0	Due April 2012	Section Head	
Additional improvements	Commence certifications processes for CCGt	0	Due Dec 2012	Section Head	

Additional improvements	Corporate Sustainabiltiy Plan 2013 -2014	0	Due Dec 2012	Section Head	
Additional improvements	ENEL Environmental Risk Programme	0	Due Dec 2012	Section Head	
Reduction of emissions to Water	Provision of catchment system for all overground Flanges, Valves & pipes	0	Due Dec 2012	Section Head	
Energy Efficiency/Utility conservation	Achieve 70% recycling for non-hazardous materials	0	Due Dec 2012	Section Head	

Noise Monitoring Report Summary

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table 1 noise summary below	Yes
2	Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? Draft Noise Guidance	No
3	Does your site have a noise reduction plan	No
4	When was the noise reduction plan last updated?	
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?	No

Table 1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT
Noise monitoring not carried out during 2011, due to low running regime and unpredicted starts we were unable to get a contractor to site in sufficent time before the Unit was shut down											

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options? SELECT

** please explain the reason for not taking action/resolution of noise issues?
Noise surveys were scheduled to take place on different occasions in coordination with the Units being called into operation by Eirgrid. Surveys could not be completed as the Units were not operated for sufficent periods for the contracted noise consultant to get to site.

Resource usage/ Energy Efficiency

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	2006	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	no	Intending to commence implementation of ISO 50001 in 2012
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	yes	<1% HFO: <0.1%Gasoil

SEAI - Large Industry Energy Network (LIEN)

Table 1 Energy usage on site

Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total				
Electricity	2.707GWh	0.686GWh	-75%	
Fossil Fuels:				
Heavy Fuel Oil	12219T	3422T	-72%	
Light Fuel Oil	199.99T	110.62T	-45%	
Natural gas				
Coal/Solid fuel				
Renewable energy generated on site				

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
** where site production information is available please enter percentage increase or decrease compared to previous year

Table 2 Water usage on site

Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Groundwater				
Surface water				
Public supply	61,000	34000	-44%	
Total				

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
** where site production information is available please enter percentage increase or decrease compared to previous year

Table 3: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

SECTION A-PRTR WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

PRTR facility logon

dropdown list click to see options

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

			Additional Information
1	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting)	No	
	If yes please enter details in table 1 below		
2	Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	
3	Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

	Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which** European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/Increase over previous year +/ - %	Reason for reduction/increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
E.g.		*07 05 04**	*07- WASTES FROM ORGANIC CHEMICAL PROCESSES*	*other organic solvents, washing liquids and mother liquors*	*22*	*12*	83%		*0%*	*SELECT*		*Brought onto site from sister IPPC plant*
E.g.		*20 01 08*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*biodegradable kitchen and canteen waste*	*10*	*20*	-50%		*0%*	*SELECT*		
			SELECT				#DIV/0!			*SELECT*		
			SELECT				#DIV/0!			*SELECT*		

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES

4	Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	SELECT	
		SELECT	
5	Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site	SELECT	
6	Does your facility have relevant nuisance controls in place?	SELECT	
7	Do you have an odour management system in place for your facility? If no why?	SELECT	
8	Do you maintain a sludge register on site?	SELECT	

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

	Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments
e.g.	Household (residual)	30,000	22,000		
e.g.	Industrial non hazardous solids	500	60	120,000	

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8													

Table 4 Environmental monitoring-landfill onl Landfill Manual-Monitoring Standards

Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

.+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9	Is leachate from your site treated in a Waste Water Treatment Plant?	SELECT
10	Is leachate released to surface water? If yes please complete leachate mass load information below	SELECT

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	Endesa Ireland Limited (Great Island)
Facility Name	Endesa Ireland Limited (Great Island)
PRTR Identification Number	P0606
Licence Number	P0606-03

Waste or IPPC Classes of Activity

No.	class_name
2.1	The operation of combustion installations with a rated thermal input equal to or greater than 50MW

Address 1	3 Grand Canal Plaza
Address 2	5th Floor
Address 3	Grand Canal Street Upper
Address 4	Dublin 4
	Dublin
Country	Ireland
Coordinates of Location	-6.99122 52.2812
River Basin District	IESE
NACE Code	3511
Main Economic Activity	Production of electricity
AER Returns Contact Name	Melissa Morrissey
AER Returns Contact Email Address	melissa.morrissey@endesaireland.ie
AER Returns Contact Position	EHS Coordinator
AER Returns Contact Telephone Number	01 5290270
AER Returns Contact Mobile Phone Number	086 0228844
AER Returns Contact Fax Number	01 5290201
Production Volume	240.0
Production Volume Units	MW
Number of Installations	1
Number of Operating Hours in Year	8760
Number of Employees	37
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
1(c)	Thermal power stations and other combustion installations

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 ?	

4.1 RELEASES TO AIR

Link to previous years emissions data

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
01	**Methane (CH4)**	C	OTH	VGB/Eurelective	114.646	114.646	0.0	0.0
06	Ammonia (NH3)	C	OTH	VGB/Eurelective	0.0	0.0	0.0	0.0
07	Non-methane volatile organic compounds (NMVOC)	C	OTH	VGB/Eurelective	85.985	85.985	0.0	0.0
17	Arsenic and compounds (as As)	C	OTH	VGB/Eurelective	0.286	0.286	0.0	0.0
18	Cadmium and compounds (as Cd)	C	OTH	VGB/Eurelective	0.286	0.286	0.0	0.0
19	Chromium and compounds (as Cr)	C	OTH	VGB/Eurelective	1.146	1.146	0.0	0.0
20	Copper and compounds (as Cu)	C	OTH	VGB/Eurelective	1.146	1.146	0.0	0.0
21	Mercury and compounds (as Hg)	C	OTH	VGB/Eurelective	0.043	0.043	0.0	0.0
22	Nickel and compounds (as Ni)	C	OTH	VGB/Eurelective	28.661	28.661	0.0	0.0
23	Lead and compounds (as Pb)	C	OTH	VGB/Eurelective	2.866	2.866	0.0	0.0
24	Zinc and compounds (as Zn)	C	OTH	VGB/Eurelective	5.732	5.732	0.0	0.0
62	Benzene	C	OTH	VGB/Eurelective	0.089	0.089	0.0	0.0
72	Polycyclic aromatic hydrocarbons (PAHs)	C	OTH	VGB/Eurelective	0.01	0.01	0.0	0.0
47	PCDD + PCDF (dioxins + furans)(as Teq)	C	OTH	VGB/Eurelective	0.000000086	0.000000086	0.0	0.0
05	Nitrous oxide (N2O)	C	OTH	VGB/Eurelective	42.992	42.992	0.0	0.0
02	Carbon monoxide (CO)	C	OTH	VGB/Eurelective	2149.613	2149.613	0.0	0.0
03	Carbon dioxide (CO2)	C	ETS		11352200.0	11352200.0	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	M	ALT	EN14181	20843.0	20843.0	0.0	0.0
11	Sulphur oxides (SOx/SO2)	M	ALT	EN14181	53957.5	53957.5	0.0	0.0
86	Particulate matter (PM10)	M	ALT	EN14181	4802.99	4802.99	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	Emission Point 2	Emission Point 3	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					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 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	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: Endesa Ireland Limited (Great Island)

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	

4.2 RELEASES TO WATERS

Link to previous years emissions data

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		SW3			
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
13	Total phosphorus	C	OTH	Mass Balance Calc	0.01612	0.01612	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		SW3	SW5	SW6	SW7	SW13				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	Emission Point 5	Emission Point 6	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	C	OTH	Mass Balance Calc	0.036998	0.0	0.0	0.0	0.0	0.0	0.036998	0.0	0.0
240	Suspended Solids	C	OTH	Mass Balance Calc	0.03121	0.02145	0.01168	0.0	0.06281	0.0	0.12715	0.0	0.0
238	**Ammonia (as N)**	C	OTH	Mass Balance Calc	0.010749	0.0	0.0	0.0	0.00529	0.0	0.016039	0.0	0.0
324	Mineral oils	C	OTH	Mass Balance Calc	0.0	0.0	0.00004	0.00002	0.0	0.0	0.00006	0.0	0.0
306	COD	C	OTH	Mass Balance Calc	0.01652	0.0	0.0	0.01643	0.0	0.0	0.03295	0.0	0.0
					0.0	0.0	0.0	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 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

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					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
					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		
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes

0

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	11 01 06	Yes	6.14	acids not otherwise specified	D15	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland	AES,WO229-01,Kilrane Business Park,.,.,Wexford,Ireland	Kilrane Business Park,.,.,Wexford,Ireland
Within the Country	16 02 13	Yes	0.051	discarded equipment containing hazardous components (16) other than those mentioned in 16 02 09 to 16 02 12 components removed from discarded equipment	R5	M	Weighed	Offsite in Ireland	AES,104-1	Cappincur,.,Tullamore,Offaly,Ireland	WEEE Recycle,WO113-03,Cappincur Ind. Est.,.,Tullamore,Offaly,Ireland	Cappincur Ind. Est.,.,Tullamore,Offaly,Ireland
Within the Country	16 02 16	No	0.58	other than those mentioned in 16 02 15	R4	M	Weighed	Offsite in Ireland	AES,104-1	Cappincur,.,Tullamore,Offaly,Ireland		
Within the Country	15 01 06	No	0.19	mixed packaging	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
To Other Countries	15 02 02	Yes	5.02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Abroad	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	Lindenschmidt,E97095037,Lindenschmidt ,.,.,.,Germany	.,.,.,.,Germany
Within the Country	20 03 01	No	10.8	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	20 01 28	No	0.09	paint, inks, adhesives and resins other than those mentioned in 20 01 27	R3	M	Weighed	Offsite in Ireland	Jack & Jill Foundation,.	Johnstown Manor,Johnstown ,Naas,Kildare,Ireland		
Within the Country	20 01 21	Yes	0.08	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	Irish Lamp Recycling,WFP-KE-08-0348-01,Athy,.,.,Kildare,Ireland	.,.,.,.,Ireland
Within the Country	17 04 11	No	3.76	cables other than those mentioned in 17 04 10	R4	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	13 08 02	Yes	20.0	other emulsions	R9	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	ENVA Ireland Ltd.,WO184-1,Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland
Within the Country	20 01 01	No	0.45	paper and cardboard	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	15 01 10	Yes	0.413	packaging containing residues of or contaminated by dangerous substances	R4	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	MSM Metal Recycling,WMP02/2008,.,.,., Waterford,Ireland	.,.,.,Waterford,Ireland
Within the Country	16 05 07	Yes	0.27	discarded inorganic chemicals consisting of or containing dangerous substances	R1	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	Enva Ireland Ltd. ,WP2008/06,Smithstown Industrial Estate,.,Shannon,Clare,Ireland	Smithstown Industrial Estate,.,Shannon,Clare,Ireland
Within the Country	16 02 14	No	0.42	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R4	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	12 01 03	No	0.21	non-ferrous metal filings and turnings	R4	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	20 01 36	No	0.44	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	17 04 07	No	4.28	mixed metals	R4	M	Weighed	Offsite in Ireland	Hegarty Metal,WP05-04	Ballysimon,.,.,Limerick,Ireland		
Within the Country	13 07 03	Yes	4.5	other fuels (including mixtures)	R9	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	ENVA Ireland Ltd.,WO184-1,Clonminam Ind. Est.,.,Portlaois,Laois,Ireland	Clonminam Ind. Est.,.,Portlaois,Laois,Ireland
Within the Country	17 02 01	No	2.12	wood	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		

Within the Country	10 01 04	Yes	2.118	oil fly ash and boiler dust	R1	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	Enva Ireland Ltd. ,WP2008/06,Smithstown Industrial Estate,,Shannon,Clare,Ireland	Smithstown Industrial Estate,,Shannon,Clare,Ireland
Within the Country	16 05 06	Yes	0.16	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R1	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	Enva Ireland Ltd. ,WP2008/06,Smithstown Industrial Estate,,Shannon,Clare,Ireland	Smithstown Industrial Estate,,Shannon,Clare,Ireland
Within the Country	16 06 05	No	0.1	other batteries and accumulators	R4	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland		
Within the Country	13 02 08	Yes	8.3	other engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	ENVA Ireland Ltd.,WO184-1,Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland
Within the Country	17 05 03	Yes	111.2	soil and stones containing dangerous substances	R13	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	ENVA Ireland Ltd.,WO184-1,Clonminam Ind. Est.,,,Portlaois,Laois,Ireland	Clonminam Ind. Est.,,,Portlaois,Laois,Ireland
Within the Country	16 05 04	Yes	4.563	gases in pressure containers (including halons) containing dangerous substances	R13	M	Weighed	Offsite in Ireland	Veoila,WO0050-02	Fermoy,.,Cork,.,Ireland	Veoila,WO0050-02,Fermoy,.,.,Cork,Ireland	Fermoy,.,.,Cork,Ireland
Within the Country	14 06 01	Yes	0.087	chlorofluorocarbons, HCFC, HFC	R13	M	Weighed	Offsite in Ireland	Veoila,WO0050-02	Fermoy,.,Cork,.,Ireland	Veoila,WO0050-02,Fermoy,.,.,Cork,Ireland	Fermoy,.,.,Cork,Ireland
Within the Country	16 07 08	Yes	116.52	wastes containing oil	R9	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd.,W0185-01	Block 402 Grants Drive ,Greenogue Business Park ,Rathcoole ,Co. Dublin,Ireland	Rilta Environmental Ltd,WO185-01,Block 402 Grant Drive ,Greenogue Business Park,Rathcoole ,Dublin,Ireland	Block 402 Grant Drive ,Greenogue Business Park,Rathcoole ,Dublin,Ireland
Within the Country	17 04 05	No	99.01	iron and steel	R4	E	Volume Calculation	Offsite in Ireland	A1 Metals,WMP007	Acragar ,Mountmellick , ,Laois,Ireland		
Within the Country	17 02 03	No	32.0	plastic	R3	E	Volume Calculation	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	17 06 05	Yes	1.3	construction materials containing asbestos (18)	D15	M	Weighed	Offsite in Ireland	Euro Dismantling Services,4940903743	Loxley Manor ,Loxley ,Sheffield,S66RW ,United kingdom	Oxigen Environmental ,W0208-01,Ballymount Industrial Estate ,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland	Ballymount Industrial Estate ,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland

* 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