Facility Information Summary	
AER Reporting Year	2014
Licence Register Number	P0606-03
Name of site	Great Island Generating Station
Site Location	Campile, New Ross, Co. Wexford
NACE Code	4010
Class/Classes of Activity	Production and Supply of Electricity
National Grid Reference (6E, 6 N)	E268907 N114574

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence** listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

"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 2014 running hours for the station remained very low due to 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. The Station is expected to be replaced by the new CCGT in April 2015.

From a global amount of 112 running hours in the station during 2014:

- Unit 3 ran for a total of 112 hrs, which is the equivalent of 100% 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.

Fergal Reilly	24/03/2015
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

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Answer all questions and complete all tables where relevant

			Additional information
1	Does your site have licensed air emissions? If yes please complete table A1 and A2 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 A4 and A5) you do not need to complete the tables	Yes	Non Continuous monitoring (cross checks) were not carried out this year due to reduced running hours. This was discussed with the Agency in 2013

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 TableA1 below		No	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?	Basic air monitoring checklist	No	No Non continuous monitoring was carried out this year.

AGN2

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Frequency 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)	Comments -reason for change in % mass load from previous year if applicable
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

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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 A2 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	Yes	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

Table A2: 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)	Number of ELV exceedences in current reporting year	Comments
A1-3	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	822.1		7		U3 ran on 8th, 13th, 16th and 30th January. Readings on 8th January were considered invalid and CEMS was calibrated on the 13th.
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1456.9				U3 ran on 8th, 13th, 16th and 30th January. Readings on 8th January were considered invalid and CEMS was calibrated on the 13th.
A1-3	Dust	200	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	126.1			1	U3 ran on 8th, 13th, 16th and 30th January. Readings on 8th January were considered invalid and CEMS was calibrated on the 13th.
A1-3	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	664.8				Unit 3 ran on the 3rd and 27th February.
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1449.7				Unit 3 ran on the 3rd and 27th February.
A1-3	Dust	200	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	155.4				Unit 3 ran on the 3rd and 27th February.
A1-3	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	913				Unit 3 ran on the 3rd March
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1472.7				Unit 3 ran on the 3rd March
A1-3	Dust	200	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	183.8				Unit 3 ran on the 3rd March
A1-3	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	652.7				Unit 3 ran on the 23rd and 24th March
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1355.25				Unit 3 ran on the 23rd and 24th March

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A1-3	Dust	200	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	95.3				Unit 3 ran on the 23rd and 24th March
A1-3	Nitrogen oxides (NOx/NO2)	850	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	679				Unit 3 ran on the 22 October
A1-3	Sulphur oxides (SOx/SO2)	1700	Monthly	97 % of 48 hour averages < 110 % of ELV	mg/Nm3	1371.9				Unit 3 ran on the 22 October
A1-3	Dust	200	Monthly	95 % of all 48 hour averages < 110 % of ELV	mg/Nm3	16.2				Unit 3 ran on the 22 October

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

Table A3: Abatement system bypass reporting table Bypass protocol

Date*	Duration** (hours)	Location	Reason for bypass	Impact magnitude	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

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Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

No

Table A4: 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 A5: Solvent Mass Balance summary

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: P0606-03 Year 2014

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	As per last year, the construction of new CCGT plant continued in 2014 and again, there was no access to a number of sample points throughout the year (detailed below). The septic tank was decommissioned in May 2012 during CCGT works hence no samples were taken from SW3.
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 W2 below summarising only any evidence of contamination noted during visual inspections	Yes	

Table W1 Storm water 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
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
Interceptor B	08/07/2014	Drain not clear, skin of oil observed	site	Interceptor skimmed	
Interceptor 5	05/09/2014	Drain not clear, skin of oil observed	site	Interceptor skimmed	
Interceptor 7	05/09/2014	Drain not clear, skin of oil observed	site	Interceptor skimmed	
Interceptor 7	03/08/2014	Drain not clear, skin of oil observed	site	Interceptor skimmed	
Interceptor 7	15/10/2014	Drain not clear, skin of oil observed	site	Interceptor skimmed	

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

				Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below		No	
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 W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof Note 2	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference standard number	Annual mass load (kg)	Comments
SW1	Water	COD	discrete	no samples	Quarterly	100	All results < 1.2 x ELV	no samples	mg/L	yes	Digestion + Spectrophotometry	TP006		No samples were retrievable from this point in 2014 due to CCGT works
SW4	Water	COD	discrete	no samples	Quarterly	100	All results < 1.2 x ELV	no samples	mg/L	yes	Digestion + Spectrophotometry	TP006		No samples were retrievable from this point in 2014 due to CCGT works
SW5	Water	pH	discrete	2014	Weekly	6 to 10	No pH value shall deviate from the specified range.	7.26	pH units	yes	pH Meter (Electrode)			
SW5	Water	Temperature	discrete	2014	Weekly	none	No temperature value shall exceed the limit value.	15.86	degrees C	yes	INSTRUMENTAL METHODS			
SW5	Water	Suspended Solids	discrete	31/03/2014 30/06/2014	Quarterly	none	All results < 1.2 x ELV	23, 11	mg/L	yes	Gravimetric analysis	SMEWW2540D		Only two samples were possible in 2014

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SW6	Water	pH	discrete	2014	Weekly	6 to 10	No pH value shall deviate from the specified range.	7.377	pH units	yes	pH Meter (Electrode)			
SW6	Water	Temperature	discrete	2014	Weekly	none	No temperature value shall exceed the limit value.	13.3	degrees C	yes	INSTRUMENTAL METHODS			
SW6	Water	Suspended Solids	discrete	31/03/2014	Quarterly	none	All results < 1.2 x ELV	9	mg/L	yes	Gravimetric analysis	SMEWW2540D		Only one sample was possible during 2014
SW6	Water	Mineral oils	discrete	31/03/2014	Quarterly	20	All results < 1.2 x ELV	0.13	mg/L	yes	Gravimetric analysis	SMEWW55208		Only one sample was possible during 2014
SW7	Water	Mineral oils	discrete	31/03/2014	Quarterly	20	All results < 1.2 x ELV	0.1	mg/L	yes	Gravimetric analysis			Only one sample was possible during 2014
SW7	Water	COD	discrete	31/03/2014	Quarterly	100	All results < 1.2 x ELV	<4	mg/L	yes	Digestion + Spectrophotometry			Only one sample was possible during 2014
SW8	Water	Total Chlorine	discrete	31/03/2014 30/06/2014 30/09/2014	Quarterly	0.5	All results < 1.2 x ELV	0.5, 0, 0	mg/L	yes	Spectrophotometry (Colorimetry)			Only three sample was possible during 2014
SW10	Water	COD	discrete	31/03/2014	Quarterly	100	All results < 1.2 x ELV	7	mg/L	yes	Digestion + Spectrophotometry	TP006		Only one sample was possible during 2014
SW11	Water	COD	discrete	no samples	Quarterly	100	All results < 1.2 x ELV	no samples	mg/L	yes	Digestion + Spectrophotometry	TP006		No samples possilble in 2014
SW12	Water	COD	discrete	no samples	Quarterly	100	All results < 1.2 x ELV	no samples	mg/L	yes	Digestion + Spectrophotometry	TP006		This point could not be accessed with CCGT construction works
SW13	Water	Ammonia (as N)	discrete	31/03/2014 30/06/2014 30/09/2014 31/12/2014	Quarterly	5	All results < 1.2 x ELV	0, 0, 0, 0	mg/L	yes	Spectrophotometry (Colorimetry)	SMEWW45OOF		This point could not be accessed with CCGT construction works
SW13	Water	Suspended Solids	discrete	no samples	Quarterly	100	All results < 1.2 x ELV	no samples	mg/L	yes	Gravimetric analysis	SMEWW254OD		This point could not be accessed with CCGT construction works
SW13	Water	Volumetric Flow	discrete	no readings possible	Annual	54,750	No flow value shall exceed the specific limit.	no readings possible	m3/day	yes	INSTRUMENTAL METHODS			Accurate readings not possible due to CCGT construction site

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: P0606-03 Year 2014

Continuous monitoring

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

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table W4 below**	No	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	No	Maintained by staff
8	Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**	No	

Table W4: 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)	Number of ELV exceedences in reporting year	Comments
SW13	Water	pH	6 to 9	per run	No pH value shall deviate from the .specified range	pH units	7.92	-3.40%	0	0	
SW2	Water	Temperature	Delta 12 degres	24 hour	No temperature value shall exceed the limit .value	degrees C	average delta 4.3	126%	0	0	

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

Table W5: 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/Pipeline testing template | Lic No: P0606-03 | Year 2014

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 B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)	Yes	6 bunds were tested in 2014
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	
4	How many bunds are on site?	18	
5	How many of these bunds have been tested within the required test schedule?	18	
6	How many mobile bunds are on site?	2	
7	Are the mobile bunds included in the bund test schedule?	Yes	
8	How many of these mobile bunds have been tested within the required test schedule?	2	
9	How many sumps on site are included in the integrity test schedule?	n/a	
10	How many of these sumps are integrity tested within the test schedule? **Please list any sump integrity failures in table B1**	n/a	
11	Do all sumps and chambers have high level liquid alarms?	No	
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	N/A	
13	Is the Fire Water Retention Pond included in your integrity test programme?	No	We do not have one

Table B1: Summary details of bund /containment structure 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	Scheduled date for retest	Results of retest(if in current reporting year)
T101	general purpose concrete/masonry		Transformer oil	51.1 m3	31 m3	Hydraulic test		30/09/2014	Yes	Pass			
T102	general purpose concrete/masonry		Transformer oil	51.1 m3	32 m3	Hydraulic test		30/09/2014	Yes	Pass			
ST101	general purpose concrete/masonry		Transformer oil	41.8 m3	15.2 m3	Hydraulic test		30/09/2014	Yes	Pass			
ST102	general purpose concrete/masonry		Transformer oil	41.8 m3	15.2 m4	Hydraulic test		30/09/2014	Yes	Pass			
T2003	general purpose concrete/masonry		Transformer oil	57.3 m3	57.3 m3	Hydraulic test		30/09/2014	Yes	Pass			
Tank Farm Bund	other (please specify)	Multiple impermeable layers, capped with soil	Distillate oil, heavy fuel oil	26,000 m3	15,400 m3	Hydraulic test		01/07/2014	Yes	Pass			

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

			Commentary
15	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?	Yes	
16	Are channels/transfer systems to remote containment systems tested?	Yes	
17	Are channels/transfer systems compliant in both integrity and available volume?	Yes	

bunding and storage guidelines

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 **which failed the integrity test and all which have not been tested withing the integrity test period as specified**	Yes	
2	Please provide integrity testing frequency period	3 years	

*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Table B2: Summary details of pipeline/underground structures 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)
gj 17h	Storm	concrete	No	SELECT	Combination	Yes	Fail	Fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	SELECT
gj 17b	Storm	concrete	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 16	Storm	concrete	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 10	Storm	concrete	No		Combination	Yes	Fail	spalling	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 7	Storm	manhole	No		Combination	Yes	Fail	manhole buried	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 7	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 7	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 7	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 5	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 5	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 6	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 4	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 4	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 4	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 5	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 5	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 5	Storm	clay	No		Combination	Yes	Fail	20% concrete	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 8	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 8	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	

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hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
hs 9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9b	Storm	clay	No		Combination	Yes	Fail	open joint	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9b	Storm	clay	No		Combination	Yes	Fail	displaced joint	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9b	Storm	clay	No		Combination	Yes	Fail	open joint	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9a	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g9a	Storm	clay	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 8	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 8	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
aj g8	Storm	clay	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 3	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
gs 3	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
ls 2	Storm	concrete	No		Combination	Yes	Fail	pipe going through p	Scheduled to be repaired as part of decommissioning 2015	May-2015	
ls 2	Storm	concrete	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	
js 14	Storm	clay	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
bf 14	Storm	clay	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
bf 13	Storm	clay	No		Combination	Yes	Fail	hole	Scheduled to be repaired as part of decommissioning 2015	May-2015	
bf 12	Storm	clay	No		Combination	Yes	Fail	open joint	Scheduled to be repaired as part of decommissioning 2015	May-2015	
bf 11	Storm	clay	No		Combination	Yes	Fail	pipe in line	Scheduled to be repaired as part of decommissioning 2015	May-2015	
bf 15	Storm	clay	No		Combination	Yes	Fail	fracture	Scheduled to be repaired as part of decommissioning 2015	May-2015	

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

Bund/Pipeline testing template	Lic No:	P0606-03	Year	2014	

Groundwater/Soil monitoring template	Lic No:	P0606-03	Year	2014

			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
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	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	no		
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	no		
7	Please specify the proposed time frame for the remediation strategy	SELECT		
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?	no		
11	Have potential receptors been identified on and off site?	yes		
12	Is there evidence that contamination is migrating offsite?	no		Please enter interpretation of data here

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**	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**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
22/04/2014	BH10	Ammonia as NH4	Coulorometric	Annual	36	36	mg/l	0.15	IGV	
22/04/2014	BH10	Chromium	GFAAS	Annual	0.45	0.45	ug/l	37.5		
22/04/2014	BH10	Lead	GFAAS	Annual	0.13	0.13	ug/l	18.75		

Groundwater/Soil monitoring template				Lic No:	P0606-03			Year	2014	
22/04/2014	BH10	Ph	Hydrogen Ion selective electrode	Annual	7.8	7.8	ph units	6.5-9.5	IGV	
22/04/2014	BH10	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20	SW EQS	
22/04/2014	BH10	TPH	GC-PID	Annual	0.26	0.26	mg/l			
22/04/2014	BH10	Vanadium	ICP-OES	Annual	1	1	ug/l	NV		
22/04/2014	MW200	Aluminium	GFAAS	Annual	25	25	ug/l	150		
22/04/2014	MW200	Ammonia as NH4	Coulorometric	Annual	<0.10	<0.10	mg/l	0.15	IGV	
22/04/2014	MW200	Arsenic	ICP-OES	Annual	0.43	0.43	ug/l	7.5		
22/04/2014	MW200	Mineral Oil	GC-MS	Annual	0.16	0.16	mg/l	0.01	IGV	
22/04/2014	MW200	ph	Hydrogen Ion selective electrode	Annual	7.1	7.1	ph units	6.5-9.5	IGV	
22/04/2014	MW200	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20		
22/04/2014	MW200	TPH	GC-FID	Annual	0.47	0.47	ug/l			
22/04/2014	MW200	Vanadium	ICP-OES	Annual	0.8	0.8	ug/l	NV		
22/04/2014	MW200	Total Coliforms	Membrane filtration	Annual	>100	>100	CFU/100ml			
22/04/2014	MW200	Faecal Coliforms	Membrane filtration	Annual	10	10	CFU/100ml			
22/04/2014	MW101	Aluminium	GFAAS	Annual	19	19	ug/l	<0.20	SW EQS	
22/04/2014	MW101	Arsenic	ICP-OES	Annual	6.3	6.3	ug/l	7.5		
22/04/2014	MW101	Mineral Oil	GC-MS	Annual	0.071	0.071	mg/l	0.01	IGV	
22/04/2014	MW101	ph	Hydrogen Ion selective electrode	Annual	8.7	8.7	ph units	6.5-9.5	IGV	
22/04/2014	MW101	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20		
22/04/2014	MW101	TPH	GC-FID	Annual	0.25	0.25	ug/l			
22/04/2014	MW101	Vanadium	ICP-OES	Annual	8.9	8.9	ug/l	NV		
22/04/2014	MW101	Total Coliforms	Membrane filtration	Annual	69	69	CFU/100ml			
22/04/2014	MW101	Faecal Coliforms	Membrane filtration	Annual	0	0	CFU/100ml			
22/04/2014	MW102	Aluminium	GFAAS	Annual	29	29	ug/l	<0.20	SW EQS	
22/04/2014	MW102	Arsenic	ICP-OES	Annual	6.1	6.1	ug/l	7.5		
22/04/2014	MW102	Mineral Oil	GC-MS	Annual	0.091	0.091	mg/l	0.01	IGV	
22/04/2014	MW102	ph	Hydrogen Ion selective electrode	Annual	8.8	8.8	ph units	6.5-9.5	IGV	
22/04/2014	MW102	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20		
22/04/2014	MW102	TPH	GC-FID	Annual	0.23	0.23	ug/l			
22/04/2014	MW102	Vanadium	ICP-OES	Annual	9.3	9.3	ug/l	NV		
22/04/2014	MW102	Total Coliforms	Membrane filtration	Annual	76	76	CFU/100ml			
22/04/2014	MW102	Faecal Coliforms	Membrane filtration	Annual	0	0	CFU/100ml			
22/04/2014	MW103	Aluminium	GFAAS	Annual	56	56	ug/l	<0.20	SW EQS	
22/04/2014	MW103	Arsenic	ICP-OES	Annual	24	24	ug/l	7.5		
22/04/2014	MW103	Mineral Oil	GC-MS	Annual	0.11	0.11	mg/l	0.01	IGV	
22/04/2014	MW103	ph	Hydrogen Ion selective electrode	Annual	8.8	8.8	ph units	6.5-9.5	IGV	
22/04/2014	MW103	PAH	GC-MS	Annual	0.31	0.31	ug/l	<0.20		

Groundwater/Soil monitoring template					Lic No:	P0606-03		Year	2014	
22/04/2014	MW103	TPH	GC-FID	Annual	0.42	0.42	ug/l			
22/04/2014	MW103	Vanadium	ICP-OES	Annual	25	25	ug/l	NV		
22/04/2014	MW103	Total Coliforms	Membrane filtration	Annual	75	75	CFU/100ml			
22/04/2014	MW103	Faecal Coliforms	Membrane filtration	Annual	1	1	CFU/100ml			
22/04/2014	MW107	Aluminium	GFAAS	Annual	12	12	ug/l	<0.20	SW EQS	
22/04/2014	MW107	Arsenic	ICP-OES	Annual	0.27	0.27	ug/l	7.5		
22/04/2014	MW107	Mineral Oil	GC-MS	Annual	0.056	0.056	mg/l	0.01	IGV	
22/04/2014	MW107	ph	Hydrogen Ion selective electrode	Annual	7.2	7.2	ph units	6.5-9.5	IGV	
22/04/2014	MW107	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20		
22/04/2014	MW107	TPH	GC-FID	Annual	0.15	0.15	ug/l			
22/04/2014	MW107	Vanadium	ICP-OES	Annual	0.9	0.9	ug/l	NV		
22/04/2014	MW107	Total Coliforms	Membrane filtration	Annual	7	7	CFU/100ml			
22/04/2014	MW107	Faecal Coliforms	Membrane filtration	Annual	0	0	CFU/100ml			
30/09/2014	BH5	Ammonia as NH4	Coulorometric	Annual	<0.1	<0.1	mg/l	0.15	IGV	
30/09/2014	BH5	Chromium	GFAAS	Annual	0.92	0.92	ug/l	37.5		
30/09/2014	BH5	Lead	GFAAS	Annual	0.74	0.74	ug/l	18.75		
30/09/2014	BH5	pH	Hydrogen Ion selective electrode	Annual	6.3	6.3	ph units	6.5-9.5	IGV	
30/09/2014	BH5	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20	SW EQS	
30/09/2014	BH5	TPH	GC-FID	Annual	<10	<10	mg/l			
30/09/2014	BH5	Vanadium	ICP-OES	Annual	110	110	mg/l	NV		
30/09/2014	BH7	Ammonia as NH4	Coulorometric	Annual	<0.10	<0.10	mg/l	0.15	IGV	
30/09/2014	BH7	Chromium	GFAAS	Annual	0.6	0.6	ug/l	37.5		
30/09/2014	BH7	Lead	GFAAS	Annual	0.81	0.81	ug/l	18.75		
30/09/2014	BH7	pH	Hydrogen Ion selective electrode	Annual	6.3	6.3	ph units	6.5-9.5	IGV	
30/09/2014	BH7	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20	SW EQS	
30/09/2014	BH7	TPH	GC-FID	Annual	90	90	mg/l			
30/09/2014	BH7	Vanadium	ICP-OES	Annual	4.4	4.4	mg/l	NV		
30/09/2014	MW106	Ammonia as NH4	Coulorometric	Annual	<0.1	<0.1	mg/l	0.15	IGV	
30/09/2014	MW106	Chromium	GFAAS	Annual	0.42	0.42	ug/l	37.5		
30/09/2014	MW106	Lead	GFAAS	Annual	0.71	0.71	ug/l	18.75		
30/09/2014	MW106	pH	Hydrogen Ion selective electrode	Annual	7.1	7.1	ph units	6.5-9.5	IGV	
30/09/2014	MW106	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20	SW EQS	
30/09/2014	MW106	TPH	GC-FID	Annual	150	150	mg/l			
30/09/2014	MW106	Vanadium	ICP-OES	Annual	2.4	2.4	mg/l	NV		
30/09/2014	MW202	Aluminium	GFAAS	Annual	<10	<10	ug/l	150		
30/09/2014	MW202	Ammonia as NH4	Coulorometric	Annual	<0.10	<0.10	mg/l	0.15	IGV	
30/09/2014	MW202	Arsenic	ICP-OES	Annual	9	9	ug/l	7.5		
30/09/2014	MW202	Mineral Oil	GC-MS	Annual	94	94	mg/l	0.01	IGV	

Groundwater/Soil monitoring template					Lic No:	P0606-03		Year	2014	
30/09/2014	MW202	pH	Hydrogen Ion selective electrode	Annual	8	8	ph units	6.5-9.5	IGV	
30/09/2014	MW202	PAH	GC-MS	Annual	<0.20	<0.20	ug/l	<0.20	SW EQS	
30/09/2014	MW202	TPH	GC-FID	Annual	180	180	mg/l			
30/09/2014	MW202	Vanadium	ICP-OES	Annual	10	10	ug/l	NV		
30/09/2014	MW202	Total Coliforms	Membrane filtration	Annual	57	57	CFU/100ml			

*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

Groundwater monitoring template

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)

Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

**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

Groundwater/Soil monitoring template Lic No: P0606-03 Year 2014

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 Liabilities template	Lic No:	P0606-03	Year	2014

Click here to access EPA guidance on Environmental Liabilities and Financial provision

			Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	In agreement with the Agency, we have submitted a decommissioning plan in 2014 for the HFO plant decommissioning in 2015. We will be utilising a third party to construct a new ELRA for the CCGT plant in 2015.
2	ELRA review status	Review required and completed	Latest review was submitted, but not accepted, see above
3	Amount of Financial Provision cover required as determined by the latest ELRA	28,091.25	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	28,091.25	
6	Financial Provision for ELRA - type	cash deposit	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	1,390,000	
12	Financial Provision for Closure - type	cash deposit	
13	Financial provision for Closure expiry date	n/a	

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	P0606-03	Year	2014

	Highlighted cells contain dropdown menu click to view		Additional Information
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	ISO14001
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	Adhere to all licence conditions	100	1 non conformance	Section Head	Increased compliance with licence conditions
Additional improvements	Conduct Internal ISO14001 audit with SSE Env group	100	Audit conducted	Section Head	Improved Environmental Management Practices
Additional improvements	External ISO14001 re-certification audit	100	Audit conducted	Section Head	ISO14001 recertification achieved
Additional improvements	Legal compliance review	100	compliance reviews conducted	Section Head	Increased compliance with licence conditions
Additional improvements	Decommissioning Plan for old HFO plant submitted and approved	100	Plan submitted and approved by Agency	Section Head	Clear plan for decommissioning of old HFO station
Groundwater protection	Underground structures integrity assessment	100	survey conducted by third party	Section Head	repair works identified
Waste reduction/Raw material usage efficiency	achieve 70% recycling of non hazardous waste	100	Recycling	Section Head	target reached
Additional improvements	CRAMP review	100	Decommissioning plan was submitted. It was agreed to update CRAMP/ELRA next year with third party	Section Head	Clear plan for decommissioning of old HFO station
GHG compliance	full compliance with EU-ETS and to include CCGT emissions in reporting from first fire onwards	100	Final emissions report verified and approved by Agency	Section Head	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	P0606-03	Year	2014
Additional improvements	Review EMS and procedures	100	A new EMS for CCGT has been constructed and approved internally	Section Head	Improved Environmental Management Practices	

Noise monitoring summary report	Lic No:	P0606-03	Year	2014

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 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?	Noise Guidance note NG4	Yes	As per last year, construction activities have been ongoing for CCGT project and so noise levels are monitored on a continuous basis. These results are available on request but have not been included due to large amount of data files
3	Does your site have a noise reduction plan		No	
4	When was the noise reduction plan last updated?		Enter date	
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?		Yes	CCGT part of site is still a construction site

Table N1: 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

*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?
Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No: P0606-03 Year 2014

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	Enter date of audit	
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	SEAI - Large Industry Energy Network (LIEN) — No	
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	HFO < 1% Sulphur

Table R1 Energy usage on site

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	999	5657	466	
Total Energy Generated (MWHrs)	13843	261302	1787	
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	999	5657	466	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	4612	1599	-65	
Light Fuel Oil (m3)	202	105	-51	
Natural gas (m3)	0	23397947		
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
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 R2 Water usage on site

					Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m^3yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	33200	82000	146				
Recycled water							
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 R3 Waste Stream Summary

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	91.3			91.3	
Non-Hazardous (Tonnes)	1.7	0.77		0.93	

Resource Usage/Energy efficiency summary Lic No: P0606-03 Year 2014

Table R4: 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					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry)please complete the following information

	Unit 1	Unit 2	Unit 3	Unit 4 (CCGT)	Station Total
Technology	Heavy fuel oil	Heavy fuel oil	Heavy fuel oil	combined cycle gas and diesel	
Primary Fuel	HFO	HFO	HFO	Natural gas and diesel	
Thermal Efficiency					
Unit Date of Commission	1967	1967	1967	2014	
Total Starts for year					
Total Running Time	0	0	112		
Total Electricity Generated (GWH)	0	0	4.2	257	261.2
House Load (GWH)	5.6	0	0	unknown	
KWH per Litre of Process Water	unknown due to commissioning of new plant				
KWH per Litre of Total Water used on Site					

Complaints and Incidents summary template

Lic No: P0606-03 Year 2014

Complaints

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	Yes	Additional information

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
02/09/2014	Noise		Abnormal plant noise	Contacted complainant	Complete	02/09/2014	
04/09/2014	Noise		Abnormal plant noise	Contacted complainant	Complete	04/09/2014	
08/09/2014	Odour		Smell from first fire	Met complainant face to face, explained issue, gave him contact details	Complete	15/09/2014	
23/09/2014	Noise		Abnormal plant noise	Contacted complainant	Complete	23/09/2014	

Total complaints open at start of reporting year	0
Total new complaints received during reporting year	4
Total complaints closed during reporting year	4
Balance of complaints end of reporting year	0

Incidents

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

*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 date	Likelihood of reoccurence
08/01/2015	Breach of ELV	Licenced discharge point (typ	1. Minor	Air	Plant or equipment issues		Normal activities	EPA	New	Monitoring equipment recalibrated	Monitoring equipment recalibrated	21/01/2014	SELECT
28/02/2014	Monitoring equipment offline	Licenced discharge point (typ	1. Minor	No Uncontrolled release	Plant or equipment issues		Normal activities	EPA	New	CEMS component sent to Germany for repair	CEMS performance monitored closely after repair	13/05/2014	SELECT

Complaints and Incidents summary template					Lic No:	P0606-03		Year	2014				
20/03/2014	Spillage	Licenced discharge point (typ	2. Limited	Water	Operational controls		Construction	EPA	New	Oil boom and clean up crew deployed	Final drainage to be constructed	24/03/2014	SELECT
10/05/2015	Spillage	Turbine hall floor	1. Minor	No Uncontrolled release	Plant or equipment issues		Normal activities	EPA	New	water pipe was isolated. drains were closed. visual inspection at SW-5. Spill kit equipment deployed.	Water pipe repaired	13/05/2014	
04/06/2014	Spillage	CCGT site	2. Limited	Ground	Plant or equipment issues		Commissioning	EPA	New	Immediate system shutdown and clean up crew deployed	Supplier contacted and asked to investigate spillage	26/06/2014	
04/12/2014	Spillage	CCGT site	1. Minor	Ground	Not related to site activities		Construction	EPA	New	Clean up crew deployed. Truck driver contacted.	Housekeeping review	14/01/2015	SELECT

Total number of incidents current year	6
Total number of incidents previous year	5
% reduction/ increase	20 increase

WASTE SUMMARY Lic No: P0606-03 Year 2014

SECTION A-PRTR ON SITE WASTE TREATMENT AND 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) If yes please enter details in table 1 below	SELECT	
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	SELECT	
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	SELECT	

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 applies to relevant EWC code** 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 -

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
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

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 SELECT UNIT	Lined disposal area occupied by waste SELECT UNIT	Comments on liner type
Cell 8												

WASTE SUMMARY	Lic No:	P0606-03	Year	2014

Table 4 Environmental monitoring-landfill only

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	

| PRTR# : P0606 | Facility Name : SSE Generation Ireland Limited (Great Island) | Filename : p0606_2014 PTR.xls | Return Year : 2014 |

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

1. FACILITY IDENTIFICATION

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

Classes of Activity

No.	**class_name**
-	Refer to PRTR class activities below

Address 1	Great Island Generating Station
Address 2	Campile
Address 3	New Ross
Address 4	
	Wexford
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	Fergal Reilly
AER Returns Contact Email Address	fergal.reilly@sse.com
AER Returns Contact Position	Environmental Coordinator
AER Returns Contact Telephone Number	0864116368
AER Returns Contact Mobile Phone Number	0864116369
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	52
User Feedback/Comments	New CCGT plant first fired in 2014 and so air emissions are added in to PRTR this year as well as HFO. As per last year, a number of emission points for surface water could not be accessed or there was no flow for samples due to construction works.
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 ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE Guidance on waste imported/accepted onto site

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	No

4.1 RELEASES TO AIR Link to previous years emissions data | PRTR# : P0606 | Facility Name : SSE Generation Ireland Limited (Great Island) | Filename : p0606_2014 PTR.xls | Return Year : 2014 | 31/03/2015 08:54

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD					QUANTITY		
			Method Used		HFO station	CCGT station			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0	0.0
02	**Carbon monoxide (CO)**	C	OTH	VGB/Eurelectric	1010.48	37683.26	38693.74	0.0	0.0
05	Nitrous oxide (N2O)	C	OTH	VGB/Eurelectric	20.21	819.2	839.41	0.0	0.0
03	Carbon dioxide (CO2)	C	ETS		5252980.0	49008975.03	54261955.03	0.0	0.0
06	Ammonia (NH3)	C	OTH	VGB/Eurelectric	0.0	0.0	0.0	0.0	0.0
07	Non-methane volatile organic compounds (NMVOC)	C	OTH	VGB/Eurelectric	40.42	0.0	40.42	0.0	0.0
17	Arsenic and compounds (as As)	C	OTH	VGB/Eurelectric	0.13	0.0	0.13	0.0	0.0
18	Cadmium and compounds (as Cd)	C	OTH	VGB/Eurelectric	0.13	0.0	0.13	0.0	0.0
19	Chromium and compounds (as Cr)	C	OTH	VGB/Eurelectric	0.54	0.0	0.54	0.0	0.0
20	Copper and compounds (as Cu)	C	OTH	VGB/Eurelectric	0.54	0.0	0.54	0.0	0.0
21	Mercury and compounds (as Hg)	C	OTH	VGB/Eurelectric	0.02	0.0	0.02	0.0	0.0
22	Nickel and compounds (as Ni)	C	OTH	VGB/Eurelectric	13.47	0.0	13.47	0.0	0.0
23	Lead and compounds (as Pb)	C	OTH	VGB/Eurelectric	1.35	0.0	1.35	0.0	0.0
24	Zinc and compounds (as Zn)	C	OTH	VGB/Eurelectric	2.69	0.0	2.69	0.0	0.0
01	Methane (CH4)	C	OTH	VGB/Eurelectric	53.89	3276.81	3330.7	0.0	0.0
11	Sulphur oxides (SOx/SO2)	M	ALT	VGB/Eurelectric	20299.0	35882.0	56181.0	0.0	0.0
47	PCDD + PCDF (dioxins + furans)(as Teq)	C	OTH	VGB/Eurelectric	0.00000174	0.0	0.00000174	0.0	0.0
62	Benzene	C	OTH	VGB/Eurelectric	0.04	4.1	4.14	0.0	0.0
72	Polycyclic aromatic hydrocarbons (PAHs)	C	OTH	VGB/Eurelectric	0.0	0.0	0.0	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	M	ALT	EN1481	10202.0	40969.0	51171.0	0.0	0.0
86	Particulate matter (PM10)	M	ALT	EN1481	496.0	7520.0	8016.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO WATERS					Please enter all quantities in this section in KGs						
POLLUTANT									QUANTITY		
			Method Used		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	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
240	Suspended Solids	C	OTH	Mass Balance Calc	10.12	3.96	0.0	0.0	14.08	0.0	0.0
324	Mineral oils	C	OTH	Mass Balance Calc	0.0	0.0572	0.044	0.0	0.1012	0.0	0.0
238	**Ammonia (as N)**	C	OTH	Mass Balance Calc	0.0	0.0	0.0	42.0	42.0	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

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	10 01 04	Yes	0.0	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	10 01 22	Yes		aqueous sludges from boiler cleansing containing dangerous substances	D9	M	Volume Calculation	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	11 01 06	Yes		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	12 01 03	No		non-ferrous metal filings and turnings	R4	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	13 01 01	Yes		hydraulic oils, containing PCBs (15)	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	13 02 08	Yes	4.5	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	13 07 03	Yes		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	13 08 02	Yes		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	14 06 01	Yes		chlorofluorocarbons, HCFC, HFC	R13	M	Weighed	Offsite in Ireland	Veolia,WO0050-02	Fermoy,.,Cork,.,Ireland	Veolia,WO0050-02,Fermoy,.,.,Cork,Ireland	Fermoy,.,.,Cork,Ireland
Within the Country	15 01 06	No	0.937	mixed packaging	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,.,.,Wexford,Ireland		
Within the Country	15 01 10	Yes	0.29	packaging containing residues of or contaminated by dangerous substances absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by	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
To Other Countries	15 02 02	Yes	1.14	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	16 02 13	Yes	0.01	discarded equipment containing hazardous components (16) other than those mentioned in 16 02 09 to 16 02 12	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 14	No		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	16 02 16	No		components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Offsite in Ireland	AES,104-1	Cappincur,.,Tullamore,Offaly,Ireland		
Within the Country	16 05 04	Yes		gases in pressure containers (including halons) containing dangerous substances	R13	M	Weighed	Offsite in Ireland	Veolia,WO0050-02	Fermoy,.,Cork,.,Ireland	Veolia,WO0050-02,Fermoy,.,.,Cork,Ireland	Fermoy,.,.,Cork,Ireland

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	16 05 06	Yes		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 05 07	Yes		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 06 05	No		other batteries and accumulators	R4	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,Portlaois,Laois,Ireland		
Within the Country	16 07 08	Yes		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 02 01	No	1.82	wood	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,,,,Wexford,Ireland		
Within the Country	17 02 03	No		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 04 05	No		iron and steel	R4	E	Volume Calculation	Offsite in Ireland	A1 Metals,WMP007	Acragar ,Mountmellick , ,Laois,Ireland		
Within the Country	17 04 07	No		mixed metals	R4	M	Weighed	Offsite in Ireland	Hegarty Metal,WP05-04	Ballysimon,,,,Limerick,Ireland		
Within the Country	17 04 11	No		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	17 05 03	Yes		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	17 06 05	Yes		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
Within the Country	20 01 01	No		paper and cardboard	R5	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,,,,Wexford,Ireland		
Within the Country	20 01 02	No		glass	R5	M	Weighed	Offsite in Ireland	ENVA Ireland Ltd.,WO184-1	Clonminam Ind. Est.,,Portlaois,Laois,Ireland		
Within the Country	20 01 21	Yes		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	20 01 28	No		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 36	No	0.18	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	20 03 01	No	0.772	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	AES,WO229-01	Kilrane Business Park,,,,Wexford,Ireland		

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	**13 05 07**	**Yes**	85.4	oily water from oil/water separators	R9	E	Volume Calculation	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

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