Facility Information Summary	
AER Reporting Year	2012
Licence Register Number	W0267-01
Name of site	HiVolt Ireland Ltd
Site Location	Ballyduff, Thurles, Co. Tipperary
NACE Code	3812
Class/Classes of Activity	4.13
National Grid Reference (6E, 6 N)	

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.

Acceptance and transfer of scap metal and scrap batteries only.

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.

Antoinette Russell	31/03/13
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template Lic No: W0267-01 Year 2012

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	No	

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		SELECT	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?	Basic air monito	AGN2 SELECT	

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?	SELECT	
	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	SELECT	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	
7	Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	SELECT	

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
	SELECT			SELECT	SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					

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

SELECT

Table A4: Solvent Management Plan Summary Total VOC Emission limit value

Solvent regulatic — 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	Total VOC emissions as %of solvent	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	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0267-01 Year 2012

			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 surface water analysis and visual inspections	No	
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	No	

Table W1 Surface 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
SA-01	downstream	SELECT	pH	20/03/2012		All values < ELV	7.73	pH units	yes	
SA-01	downstream		COD	20/03/2012		All values < ELV	7	mg/L	yes	
SA-01	downstream		Mineral oils	20/03/2012		All values < ELV	4.2	µg/L		
SA-01	downstream		Temperature	20/03/2012		All values < ELV	9.8	degrees C		
SA-01	downstream		Suspended Solids	20/03/2012		All values < ELV	8	mg/L		
SA-01	downstream		pH	07/06/2012		All values < ELV	7.54	pH units		
SA-01	downstream		COD	07/06/2012		All values < ELV	13	mg/L		
SA-01	downstream		Mineral oils	07/06/2012		All values < ELV	<10	µg/L		
SA-01	downstream		Temperature	07/06/2012		All values < ELV	13.4	degrees C		
SA-01	downstream		Suspended Solids	07/06/2012		All values < ELV	71	mg/L		
SA-01	downstream		pH	19/09/2012		All values < ELV	7.79	pH units		
SA-01	downstream		COD	19/09/2012		All values < ELV	21	mg/L		
SA-01	downstream		Mineral oils	19/09/2012		All values < ELV	<10	µg/L		
SA-01	downstream		Temperature	19/09/2012		All values < ELV	14.1	degrees C		
SA-01	downstream		Suspended Solids	19/09/2012		All values < ELV	30	mg/L		
SA-01	downstream		pH	29/11/2012		All values < ELV	7.86	pH units		
SA-01	downstream		COD	29/11/2012		All values < ELV	20	mg/L		
SA-01	downstream		Mineral oils	29/11/2012		All values < ELV	<10	µg/L		
SA-01	downstream		Temperature	29/11/2012		All values < ELV	7.2	degrees C		
SA-01	downstream	SELECT	Suspended Solids	29/11/2012		All values < ELV	21	mg/L	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
			SELECT		
			SELECT		

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	SELECT	
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 La Assessment of re	SELECT	

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 source	Procedural reference standard number	Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			

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: W0267-01 Year 2012

Continuous monitoring

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

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**	SELECT	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	
8	Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**	SELECT	

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
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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: W0267-01 Year 2012

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**	Yes — Bund testing will be carried out once the infrastruture is in place
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)	SELECT
4	How many bunds are on site?	
5	How many of these bunds have been tested witin the required test schedule?	
6	How many mobile bunds are on site?	
7	Are the mobile bunds included in the bund test schedule?	SELECT
8	How many of these mobile bunds have been tested witin the required test schedule?	
9	How many sumps on site are included in the integrity test schedule?	
10	How many of these sumps are integrity tested within the test schedule?	
	Please list any sump integrity failures in table B1	
11	Do all sumps and chambers have high level liquid alarms?	SELECT
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	

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	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

		Commentary
14	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)	SELECT
15	Are channels/transfer systems to remote containment systems tested?	SELECT
16	Are channels/transfer systems compliant in both integrity and available volume?	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 **which failed the integrity test**	SELECT
2	Please provide integrity testing frequency period	SELECT

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)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

Groundwater/Soil monitoring template Lic No: W0267-01 Year 2012

			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	no	
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
7	Please specify the proposed time frame for the remediation strategy	N/A	
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?	N/A	
12	Is there evidence that contamination is migrating offsite?	N/A	

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
07/06/2012	GW1	pH		Bi-Annually		7.5	pH units				data not available
07/06/2012	GW1	Conductivity		Bi-Annually		520	uS				
07/06/2012	GW1	Ammonia(free)		Bi-Annually		0.02	mg/l				
07/06/2012	GW1	Nitrogen (total)		Bi-Annually		3.2	mg/l				
07/06/2012	GW1	Calcium		Bi-Annually		60	mg/l				
07/06/2012	GW1	Magnesium		Bi-Annually		25	mg/l				
07/06/2012	GW1	Potassium		Bi-Annually		1.7	mg/l				
07/06/2012	GW1	Sodium		Bi-Annually		8.9	mg/l				
07/06/2012	GW1	Boron		Bi-Annually		39	ug/l				
07/06/2012	GW1	Cadmium		Bi-Annually		<0.08	ug/l				
07/06/2012	GW1	Chromium		Bi-Annually		3.5	ug/l				
07/06/2012	GW1	Copper		Bi-Annually		<1.0	ug/l				
07/06/2012	GW1	Lead		Bi-Annually		<1.0	ug/l				
07/06/2012	GW1	Managese		Bi-Annually		220	ug/l				
07/06/2012	GW1	Mercury		Bi-Annually		<50	ug/l				
07/06/2012	GW1	Nickel		Bi-Annually		2.8	ug/l				
07/06/2012	GW1	Zinc		Bi-Annually		11	ug/l				
07/06/2012	GW1	Iron(total)		Bi-Annually		220	ug/l				
07/06/2012	GW1	BTEX		Bi-Annually		< LOD	ug/l				
07/06/2012	GW1	Mineral oils		Bi-Annually		< LOD	ug/l				
07/06/2012	GW1	List I/II organic compounds		Bi-Annually		< LOD	ug/l				
07/06/2012	GW1	Chloride		Bi-Annually		16	mg/l				
19/09/2012	GW1	pH		Bi-Annually		8	pH units				

Groundwater/Soil monitoring template					Lic No:	W0267-01		Year	2012		
19/09/2012	GW1	Conductivity		Bi-Annually		430	uS				
19/09/2012	GW1	Ammonia(free)		Bi-Annually		0.02	mg/l				
19/09/2012	GW1	Nitrogen (total)		Bi-Annually		130	mg/l				
19/09/2012	GW1	Calcium		Bi-Annually		79	mg/l				
19/09/2012	GW1	Magnesium		Bi-Annually		28	mg/l				
19/09/2012	GW1	Potassium		Bi-Annually		17	mg/l				
19/09/2012	GW1	Sodium		Bi-Annually		14	mg/l				
19/09/2012	GW1	Boron		Bi-Annually		600	ug/l				
19/09/2012	GW1	Cadmium		Bi-Annually		<0.08	ug/l				
19/09/2012	GW1	Chromium		Bi-Annually		1.5	ug/l				
19/09/2012	GW1	Copper		Bi-Annually		130	ug/l				
19/09/2012	GW1	Lead		Bi-Annually		31	ug/l				
19/09/2012	GW1	Manganese		Bi-Annually		40	ug/l				
19/09/2012	GW1	Mercury		Bi-Annually		<0.5	ug/l				
19/09/2012	GW1	Nickel		Bi-Annually		3.4	ug/l				
19/09/2012	GW1	Zinc		Bi-Annually		23	ug/l				
19/09/2012	GW1	Iron(total)		Bi-Annually		130	ug/l				
19/09/2012	GW1	BTEX		Bi-Annually		< LOD	ug/l				
19/09/2012	GW1	Mineral oils		Bi-Annually		< LOD	ug/l				
19/09/2012	GW1	List I/II organic compounds		Bi-Annually		< LOD	ug/l				
19/09/2012	GW1	Chloride		Bi-Annually		23	mg/l				
							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
07/06/2012	GW2	pH		Bi-Annually		7.2	pH units				
07/06/2012	GW2	Conductivity		Bi-Annually		750	uS				
07/06/2012	GW2	Ammonia(free)		Bi-Annually		<0.01	mg/l				
07/06/2012	GW2	Nitrogen (total)		Bi-Annually		11	mg/l				
07/06/2012	GW2	Calcium		Bi-Annually		110	mg/l				
07/06/2012	GW2	Magnesium		Bi-Annually		19	mg/l				
07/06/2012	GW2	Potassium		Bi-Annually		<0.05	mg/l				
07/06/2012	GW2	Sodium		Bi-Annually		5.5	mg/l				
07/06/2012	GW2	Boron		Bi-Annually		35	ug/l				
07/06/2012	GW2	Cadmium		Bi-Annually		<0.08	ug/l				
07/06/2012	GW2	Chromium		Bi-Annually		3.9	ug/l				
07/06/2012	GW2	Copper		Bi-Annually		13	ug/l				
07/06/2012	GW2	Lead		Bi-Annually		1.4	ug/l				
07/06/2012	GW2	Managese		Bi-Annually		12	ug/l				
07/06/2012	GW2	Mercury		Bi-Annually		<0.05	ug/l				
07/06/2012	GW2	Nickel		Bi-Annually		26	ug/l				
07/06/2012	GW2	Zinc		Bi-Annually			ug/l				
07/06/2012	GW2	Iron(total)		Bi-Annually		370	ug/l				
07/06/2012	GW2	BTEX		Bi-Annually		< LOD	ug/l				

Groundwater/Soil monitoring template					Lic No:	W0267-01		Year	2012		
07/06/2012	GW2	Mineral oils		Bi-Annually		< LOD	ug/l				
07/06/2012	GW2	List I/II organic compounds		Bi-Annually		< LOD	ug/l				
07/06/2012	GW2	Chloride		Bi-Annually		23	mg/l				
19/09/2012	GW2	pH		Bi-Annually		7.2	pH units				
19/09/2012	GW2	Conductivity		Bi-Annually		720	uS				
19/09/2012	GW2	Ammonia(free)		Bi-Annually		<0.01	mg/l				
19/09/2012	GW2	Nitrogen (total)		Bi-Annually		13	mg/l				
19/09/2012	GW2	Calcium		Bi-Annually		110	mg/l				
19/09/2012	GW2	Magnesium		Bi-Annually		20	mg/l				
19/09/2012	GW2	Potassium		Bi-Annually		<0.05	mg/l				
19/09/2012	GW2	Sodium		Bi-Annually		7.2	mg/l				
19/09/2012	GW2	Boron		Bi-Annually		660	ug/l				
19/09/2012	GW2	Cadmium		Bi-Annually		<0.08	ug/l				
19/09/2012	GW2	Chromium		Bi-Annually		1.9	ug/l				
19/09/2012	GW2	Copper		Bi-Annually		18	ug/l				
19/09/2012	GW2	Lead		Bi-Annually		3.4	ug/l				
19/09/2012	GW2	Manganese		Bi-Annually		5.7	ug/l				
19/09/2012	GW2	Mercury		Bi-Annually		<0.05	ug/l				
19/09/2012	GW2	Nickel		Bi-Annually		3.2	ug/l				
19/09/2012	GW2	Zinc		Bi-Annually		17	ug/l				
19/09/2012	GW2	Iron(total)		Bi-Annually		280	ug/l				
19/09/2012	GW2	BTEX		Bi-Annually		< LOD	ug/l				
19/09/2012	GW2	Mineral oils		Bi-Annually		< LOD	ug/l				
19/09/2012	GW2	List I/II organic compounds		Bi-Annually		< LOD	ug/l				SELECT
19/09/2012	GW2	Chloride		Bi-Annually		25	mg/l				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 wat Groundwater re Drinking water (priv Drinking water (public su

Groundwater/Soil monitoring template Lic No: W0267-01 Year 2012

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:	W0267-01	Year	2012

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

			Commentary
1	ELRA initial agreement status	Required but not submitted	Due for completion once required infrastructure works in place
2	ELRA review status	Review required and not completed;	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	Required but not submitted	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	Required but not submitted	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

Environmental Management Programme/Continuous Improvement Programme template

Lic No: W0267-01 Year 2012

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	EMS maintained as per waste licence conditions.
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	Enhance environmental training of staff	10	In house training carried out	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Minimise waste retention	10	Increased waste throughput	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Minimise waste production	10	Better work practices	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Minimise water use	10	Better work practices	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Minimise waste handling	10	Better work practices	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Enhance waste segregation	20	Increased waste segregation by splitting catalytic convertors	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Minimise energy use	10	Better work practices	Section Head	Improved Environmental Management Practices

Noise monitoring summary report

Lic No: W0267-01 Year 2012

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 Guida	Yes
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 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)?
29/11/2012	12:24-12:54	N1	Private dwelling	44.4	35.7	44.5	78.3	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	12:55-13:25	N1	Private dwelling	39.9	35	41.6	64.5	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	14:02-14:22	N1	Private dwelling	52.7	39.5	54.7	75.92	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	23:03-23:18	N1	Private dwelling	35.5	29.5	36.7	61.9	No	No	Only source was from extraction fans	Yes
29/11/2012	23:18-23:33	N1	Private dwelling	34.9	29.7	34.9	61.4	No	No	Only source was from extraction fans	Yes
29/11/2012	12:33-13:03	N2	N/A	70.1	37.4	56.5	95.7	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	13:04-13:34	N2	N/A	41	33.9	39.5	68.7	No	No	Unloading of metal and forklift movements during the monitoring period	Yes

29/11/2012	14:33-15:03	N2	N/A	63.6	42.2	62.3	85.9	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	23:36-23:52	N2	N/A	34.9	29.2	36	59.8	No	No	No audible noise	Yes
29/11/2012	23:52-00:07	N2	N/A	30.4	29	31.1	45.7	No	No	No audible noise	Yes
29/11/2012	14:06-14:36	N3	N/A	52.6	39.2	51.8	77	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	14:40-15:10	N3	N/A	50.7	39.2	51.8	72.9	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	15:12-15:42	N3	N/A	46.4	40.1	47.9	73.3	No	No	Unloading of metal and forklift movements during the monitoring period	Yes
29/11/2012	23:06-23:36	N3	N/A	39.2	26.4	39.1	61.6	No	No	No audible noise	Yes
29/11/2012	23:21-23:51	N3	N/A	39	36.4	40	53.2	No	No	No audible noise	Yes

*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: W0267-01 Year 2012

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below		
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 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	no	

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)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	12312	11516		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (CMN)				
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^3/yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	250	232			232		
Surface water							
Public supply							
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)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary

Lic No: W0267-01 Year 2012

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 ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on Site					

Complaints and Incidents summary template Lic No: W0267-01 Year 2012

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	No	

*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
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT

Total number of incidents current year	
Total number of incidents previous year	
% reduction/ increase	

WASTE SUMMARY Lic No: W0267-01 Year 2012

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)	Yes	
	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 co	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to** European Waste Catalogu	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 -
12,000	*15 01 04*	*15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED*	*Beverage cans*	*0.1*							
12,000	*17 04 05*	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*iron and steel*	*1471.38*							
	17 04 02	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*Aluminium*	*40*							
	17 04 11	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*Copper cables*	*82.38*							
	17 04 01	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*Copper brass and bronze*	*61.99*							
	17 04 03	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*Lead*	*62.5*							
	17 04 04	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	*Zinc*	*0.08*							
5,040	*16 06 01**	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	*Waste batteries*	*2418.61*							
1,200	*16 01 22*	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	*ELV motors*	*154.84*							
	16 08 01	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	*Catalytic convertors*	*28.16*							
	16 01 08	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	*Aluminium ex ELVs*	*156.88*							

WASTE SUMMARY Lic No: W0267-01 Year 2012

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	No	Oil interceptor/silt trap, hardstanding areas
	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	No	Oil interceptor/silt trap, hardstanding areas
6 Does your facility have relevant nuisance controls in place?	Yes	
7 Do you have an odour management system in place for your facility? If no why?	No	Waste types accepted do not create odours.
8 Do you maintain a sludge register on site?	No	

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

WASTE SUMMARY Lic No: W0267-01 Year 2012

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* SELECT UNIT	Area with temporary cap SELECT UNIT	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

*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 1.1.16

REFERENCE YEAR	2012

1. FACILITY IDENTIFICATION

Parent Company Name	Hi-Volt Ireland Limited
Facility Name	Hi-Volt Ireland Limited
PRTR Identification Number	W0267
Licence Number	W0267-01

Waste or IPPC Classes of Activity

No.	class_name
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

Address 1	Ballyduff (townland Shanballyduff and Piercetown)
Address 2	Thurles
Address 3	County Tipperary
Address 4	
	Tipperary
Country	Ireland
Coordinates of Location	-7.72012 52.70159
River Basin District	IESE
NACE Code	3812
Main Economic Activity	Collection of hazardous waste
AER Returns Contact Name	Antoinette Russel
AER Returns Contact Email Address	antoinette@batteryrecycling.ie
AER Returns Contact Position	General Manager
AER Returns Contact Telephone Number	0504 34946
AER Returns Contact Mobile Phone Number	
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	8
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General

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) ?	

This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR Link to previous years emissions data #VALUE! 29/04/2013 18:54

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

4.2 RELEASES TO WATERS

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO WATERS	
POLLUTANT	
Pollutant No.	Name

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

#VALUE!

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NO

			Please enter all quantities in this section in KGs	
	Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year
			0.0	0.0

then click the delete button

			Please enter all quantities in this section in KGs	
	Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year
			0.0	0.0

then click the delete button

			Please enter all quantities in this section in KGs	
	Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year
			0.0	0.0

then click the delete button

T be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

#VALUE!

29/04/2013 18:54

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO LAND	
POLLUTANT	
Pollutant No.	Name

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

#VALUE!

			Please enter all quantities
METHOD			
	Method Used		
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

then click the delete button

			Please enter all quantities
METHOD			
	Method Used		
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

then click the delete button

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

#VALUE!

29/04/2013 18:54

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					
To Other Countries	16 01 22	No	172.21	components not otherwise specified	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
To Other Countries	16 06 01	Yes	195.33	lead batteries	R4	M	Weighed	Abroad	Boliden Bergsoe AB,556041-8823	Gasverkgatan,Box 132,Landskrona,SE 261 22,Sweden	Boliden Bergsoe,556041-8823,Gasverksgatan,Box 123,Landskorona,SE 261 22,Sweden	Gasverksgatan,Box 123,Landskorona,SE 261 22,Sweden
To Other Countries	16 06 01	Yes	2539.75	lead batteries	R4	M	Weighed	Abroad	Enviro Wales,EP 3230 BW	Rassau Industrial estate,.,Ebbw vale,NP523 Nsd,United Kingdom	Enviro Wales,EP 3230 BW,Rassau Industrial Estate,.,Ebbw Vale,NP23 5SD,United Kingdom	Rassau Industrial Estate,.,Ebbw Vale,NP23 5SD,United Kingdom
Within the Country	16 06 01	Yes	0.0	lead batteries	R4	M	Weighed	Offsite in Ireland	Rilta Environmental ltd,W0192-03	Grants drive,Block 402,Rathcoole,.,Ireland	Rilta Environmental,W0192-03,Grants drive,Block 402,Rathcoole,.,Ireland	Grants drive,Block 402,Rathcoole,.,Ireland
To Other Countries	16 08 01	No	0.54	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
To Other Countries	16 08 01	No	27.62	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	R13	M	Weighed	Abroad	ARC Metal,305	.,.,Hofors,SE 813 21,Sweden		
To Other Countries	17 04 01	No	60.89	copper, bronze, brass	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
Within the Country	17 04 02	No	14.15	aluminium	R13	M	Weighed	Offsite in Ireland	O'Reilly Recycling,WCP-DC-09-118201	Blanchardstown,.,Dublin,.,Ireland		
To Other Countries	17 04 02	No	16.53	aluminium	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
To Other Countries	17 04 03	No	61.14	lead	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
To Other Countries	**17 04 05**	**No**	7.92	iron and steel	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
Within the Country	17 04 05	No	188.94	iron and steel	R13	M	Weighed	Offsite in Ireland	Multimetals ,WW-09-0014-01	Bollarney,.,Murrough,none,Ireland		
Within the Country	17 04 05	No	1326.35	iron and steel	R13	M	Weighed	Offsite in Ireland	MSM Recycling,WFP-TN-11-0003-02	.,.Birr,.,Ireland		
Within the Country	17 04 05	No	28.05	iron and steel	R13	M	Weighed	Offsite in Ireland	O'Reilly Recycling,WCP-DC-09-118201	Blanchardstown,.,Dublin,.,Ireland		
Within the Country	17 04 05	No	3.07	iron and steel	R13	M	Weighed	Offsite in Ireland	Hammond Lane metal,WCP-DC-0013-01	Pigeon Hse Rd,.,Dublin,.,Ireland		
To Other Countries	17 04 11	No	88.44	cables other than those mentioned in 17 04 10	R13	M M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
Within the Country	17 04 02	No	3.5	aluminium	R13	M	Weighed	Offsite in Ireland	Laois tyre recycling,WFP-LS-10-0002-01	Bayview business park,Unit 21,Mountmellick,.,Ireland		
Within the Country	17 04 02	No	5.24	aluminium	R13	M	Weighed	Offsite in Ireland	Kilcock car dismantlers,WFP-KE-09-0352-01	.,.,Laragh Co. Kildare,.,Ireland		
Within the Country	17 04 02	No	0.58	aluminium	R13	M	Weighed	Offsite in Ireland	Hammond Lane metal,WCP-DC-0013-01	Pigeon Hse Rd,.,Dublin,.,Ireland		
Within the Country	17 04 11	No	3.12	cables other than those mentioned in 17 04 10	R13	M	Weighed	Offsite in Ireland	O'Reilly Recycling,WCP-DC-09-118201	Blanchardstown,.,Dublin,.,Ireland		
To Other Countries	17 04 11	No	6.38	cables other than those mentioned in 17 04 10	R13	M	Weighed	Abroad	SIMS Group,DP3695ML	Windermere rd,.,Hartlepool,TS251 NX,United Kingdom		
To Other Countries	16 01 18	No	2.28	non-ferrous metal	R13	M	Weighed	Abroad	F.J Church,EAWML 80771	Manor Way,.,Essex,RM 13 8RH,United Kingdom		
Within the Country	16 01 18	No	142.48	non-ferrous metal	R13	M	Weighed	Offsite in Ireland	O'Reilly Recycling,WCP-DC-09-118201	Blanchardstown,.,Dublin,.,Ireland		
To Other Countries	16 01 18	No	12.94	non-ferrous metal	R13	M	Weighed	Abroad	SIMS Group,DP3695ML	Windermere rd,.,Hartlepool,TS251 NX,United Kingdom		

* 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