SELECT	cells that are highlighted blue contain a drop
guidance document link	cells that contain underlined text click to acc
Table heading *	table headings followed by a symbol have ar
Cells with red indicator in top right corner	cells that have a red indicator in the top righ

Please note an interpretation of results is still required. This should be entered in the appropriately to fit your interpretation, if additional space is required please includ excel template should have all cells sized appropriately so t

odown menu click to select one option from the list

cess relevant guidance documents for this section

n associated footnote or instructions

It corner contain a comment box with further instructions or clarification

e additional information/comments boxes within the templates. Please size these boxes e an appendix to the AER template and merge it as part of the AER PDF document. The that all text is readable before it is converted to PDF document.

Facility Information Sum	mary		
AER Reporting Year	2013		
Licence Register Number	W0267-01		
Name of site		Hi-Volt Ireland Ltd	
Site Location	Ball	yduff, 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 <b>and an overview of</b> <b>compliance with your licence</b> <u>listing all</u> <u>exceedances of licence limits (where</u> <u>applicable) and what they relate to e.g. air,</u> <u>water, noise.</u>			
		Acceptance and transfer of scap m	etal and scran 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	31/04/14
Signature Group/Facility manager	Date
(or nominated, suitably qualified and experienced deputy)	

_					
	AIR-summary template	Lic No:	W0267-01	Year	2013
	Answer all questions and complete all tables where relevant				
			Additional info	ormation	_
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 solvent management plan (table A4 and A5) you <u>do not</u> need to complete the tables				
	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         Basic air monitoring         AGN2           note AG2 and using the basic air monitoring checklist?         Basic air monitoring         AGN2	SELECT			

4

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

Emission reference no:		Frequency of	ELV in licence or any revision therof	Licence Compliance criteria		Compliant with licence limit	Method of analysis	Annual mass	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		

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

AIR-summary template	Lic No:	W0267-01	Year	2013
Continuous Monitoring				
4 Does your site carry out continuous air emissions monitoring? 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)	SELECT			
5	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 A3 below <b>Table A2: Summary of average emissions -continuous monitoring</b>	SELECT			

Emission	Parameter/ Substance		Averaging Period	Compliance Criteria	Units of	Annual Emission	Annual maximum	Monitoring	Number of ELV	Comments
reference no:					measurement			Equipment	exceedences in	
		ELV in licence or any						downtime (hours)	current	
		revision therof							reporting year	
	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

AIR-summary	template				Lic No:	W0267-01		Year	2013	
Solvent	use and manageme	nt on site								
-				es please fill out tables A4 and A Please refer to linked solve		7	SELECT			
	ent Management Pla ssion limit value	an Summary	Solvent regulation	Please refer to linked solve complete table 5						
Reporting year	Total solvent input on site (kg)		Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance					
					SELECT	-				
Table A5:	Solvent Mass Balan	L ce summary			SELECT	]				
	(I) Inputs (kg)			(0)	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. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)		
		•	•	•	•	•	Total		1	

AIR-summary template Lic No: W0267-01 Year 2013	
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AIR-summary template Lic No: W0267-01 Year 2013	
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AER Monitorin	g returns summar	/ template-WATER	R/WASTEWATER(SEWER)
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9

		Additional information
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 <b>you do not have</b> licenced emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	No	
Was it a requirement of your licence to carry out visual inspections on any surface water 2 discharges or watercourses on or near your site? If yes please complete table W2 below summarising <u>only any evidence of contamination noted during visual inspections</u>		

## 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
SA01	onsite	SELECT	COD	19/02/2013		All values < ELV	15	mg/L	yes	
SA01	onsite	SELECT	рН	19/02/2013		All values < ELV	7.8	pH units	yes	
SA01	onsite	SELECT	Mineral oils	19/02/2013		All values < ELV	<10	μg/L	yes	
SA01	onsite	SELECT	Suspended Solids	19/02/2013		All values < ELV	<5	mg/L	SELECT	
SA01	onsite	SELECT	COD	25/06/2013		All values < ELV	No sample available	mg/L	SELECT	SA01 dry
SA01	onsite	SELECT	рН	25/06/2013		All values < ELV	No sample available	pH units	SELECT	SA01 dry
SA01	onsite	SELECT	Mineral oils	25/06/2013		All values < ELV	No sample available	μg/L	SELECT	SA01 dry
SA01	onsite	SELECT	Suspended Solids	25/06/2013		All values < ELV	No sample available	mg/L	SELECT	SA01 dry
SA01	onsite	SELECT	COD	23/09/2013		All values < ELV	No sample available	mg/L	yes	SA01 dry
SA01	onsite	SELECT	pН	23/09/2013		All values < ELV	No sample available	pH units	yes	SA01 dry
SA01	onsite	SELECT	Mineral oils	23/09/2013		All values < ELV	No sample available	μg/L	yes	SA01 dry
SA01	onsite	SELECT	Suspended Solids	23/09/2013		All values < ELV	No sample available	mg/L	yes	SA01 dry
SA01	onsite	SELECT	COD	29/10/2013		All values < ELV	13	mg/L	yes	
SA01	onsite	SELECT	рН	29/10/2013		All values < ELV	8	pH units	yes	
SA01	onsite	SELECT	Mineral oils	29/10/2013		All values < ELV	<10	μg/L	yes	
SA01	onsite	SELECT	Suspended Solids	29/10/2013		All values < ELV	13	mg/L	yes	

Lic No:

## \*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)

$_{\rm 3}$ Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	SELECT	Additional information
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           4         require improvement in additional information box   External LaAssessment 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 therof <sup>Note 2</sup>	Licence Compliance criteria	Measured value		Compliant with licence			Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT		
		luded as a reportable para												

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
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Continuous	monitoring
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Additional Information

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

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	
7Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	
$8 \frac{\text{Did}}{\text{below}}$ below	SELECT	

SELECT

Table W4: Summary of average emissions -continuous monitoring

Emission	Emission 10: released to		ELV or trigger values in licence or any revision thereof					Monitoring	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	Reason for	Corrective action*	Was a report	When was this report submitted?
			emissions	bypass		submitted to the	
						EPA?	
						SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template	Lic No: W0267-01	Year	2013	
Bund testing dropdown menu click to see options	Addition	al information		
Are you required by your licence to undertake integrity testing on bunds and containment structures 7 if yes please fill out table containment structures on site, in addition to all bunds which failed the integrity test-all bunding structures which failed inclu the table below, please include all bunds outside the licenced testing period (mobile bunds and chemstore included)	ding mobile bunds must be listed in	nce infrastucture works are complete		
2 Please provide integrity testing frequency period	3 years			
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and container 3 type units and mobile bunds)	s? (containers refers to "Chemstore" Yes			
4 How many bunds are on site? 5 How many of these bunds have been tested within the required test schedule?	See above			
6 How many mobile bunds are on site?	0			
Are the mobile bunds included in the bund test schedule?	No			
8 How many of these mobile bunds have been tested within the required test schedule?	0			
9 How many sumps on site are included in the integrity test schedule?	0			
10 How many of these sumps are integrity tested within the test schedule?	0			
Please list any sump integrity failures in table B1				
11 Do all sumps and chambers have high level liquid alarms?	N/A			
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?	N/A			
Table B1: Summary details of bund /containment structure integrity test				

														1 1	Results of
										Integrity reports					retest(if in
Bu	nd/Containment									maintained on		Integrity test failure		Scheduled date	current
str	ucture ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?	Results of test	explanation <50 words	Corrective action taken	for retest	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							
			ce with licence requirements and	are all structures tested in											
	e with BS8007/EPA G				bunding and storage guide	ines	SELECT								
16 Are	16 Are channels/transfer systems to remote containment systems tested?					SELECT									

SELECT

SELECT

SELECT

-

17 Are channels/transfer systems compliant in both integrity and available volume?

Pipeline/underground structure testing

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 1 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 2 Please provide integrity testing frequency period

2 nease provide integrity testing nequency period
*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		Does this structure have Secondary containment?	Type of secondary containment		Integrity reports maintained on site?		Corrective action	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

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Groundwate	/Soil monitorin	g template
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Lic No:

W0267-01

Year

2013

		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
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		interpretation box below or if you require additional space please
Do you extract groundwater for use on site? If yes please specify use in comment section	no		include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is <sup>4</sup> 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. <u>Groundwater monit</u>	SELECT		
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?	N/A		
11 Have potential receptors been identified on and off site?	N/A		
12 Is there evidence that contamination is migrating offsite?	N/A		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
19/02/2013	GW1	рН		Biannually		7.8	SELECT	N/A		data not available
19/02/2013	GW1	Conductivity		Biannually		600	SELECT	800-1875		data not available
19/02/2013	GW1	Chloride		Biannually		17	mg/l	24-187.5		data not available
19/02/2013	GW1	Total Ammonia		Biannually		<0.01	mg/l	N/A		data not available
19/02/2013	GW1	Total Nitrogen		Biannually		4.28	mg/l	N/A		data not available
19/02/2013	GW1	Calcium		Biannually		38	mg/l	N/A		data not available
19/02/2013	GW1	Potassium		Biannually		<0.5	mg/l	N/A		data not available
19/02/2013	GW1	Magnesium		Biannually			mg/l	N/A		data not available
19/02/2013	GW1	Sodium		Biannually		3.3	mg/l	150		data not available

Groundwat	ter/Soil mo	nitoring template		Lic No:	W0267-01		Year	2013	-	
19/02/2013	GW1	Boron	Biannually		40	ug/I	750		data not available	
19/02/2013	GW1	Cadmium	Biannually		<0.08	ug/I	3.75		data not available	
19/02/2013	GW1	Chromium	Biannually		<1.0	ug/l	37.5		data not available	
19/02/2013	GW1	Copper	Biannually		100	ug/l	1500		data not available	
19/02/2013	GW1	Iron (total)	Biannually		180	ug/l	N/A		data not available	
19/02/2013	GW1	Mercury	Biannually		<0.5	ug/l	0.75		data not available	
19/02/2013	GW1	Manganese	Biannually		29	ug/l	N/A		data not available	
19/02/2013	GW1	Lead	Biannually		1.7	ug/l	18.75		data not available	
19/02/2013	GW1	Zinc	Biannually		13	ug/l	N/A		data not available	
19/02/2013	GW1	List I/II Organic compounds	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
19/02/2013	GW1	BTEX	Biannually		<lod< td=""><td>ug/I</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/I	N/A		data not available	
19/02/2013	GW1	Mineral Oil	Biannually		<lod< td=""><td>ug/I</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/I	N/A		data not available	
23/09/2013	GW1	рН	Biannually		8	SELECT	N/A		data not available	
23/09/2013	GW1	Conductivity	Biannually		450	SELECT	800-1875		data not available	
23/09/2013	GW1	Chloride	Biannually		18	mg/l	24-187.5		data not available	
23/09/2013	GW1	Total Ammonia	Biannually		0.03	mg/l	N/A		data not available	
23/09/2013	GW1	Total Nitrogen	Biannually		2.1	mg/l	N/A		data not available	
23/09/2013	GW1	Calcium	Biannually		50	mg/l	N/A		data not available	
23/09/2013	GW1	Potassium	Biannually		1.1	mg/l	N/A		data not available	
23/09/2013	GW1	Magnesium	Biannually		25	mg/l	N/A		data not available	
23/09/2013	GW1	Sodium	Biannually		8.7	mg/l	150		data not available	
23/09/2013	GW1	Boron	Biannually		940	ug/l	750		data not available	
23/09/2013	GW1	Cadmium	Biannually		<0.08	ug/l	3.75		data not available	
23/09/2013	GW1	Chromium	Biannually		7.6	ug/l	37.5		data not available	
23/09/2013	GW1	Copper	Biannually		87	ug/l	1500		data not available	
23/09/2013	GW1	Iron (total)	Biannually		79	ug/l	N/A		data not available	

Groundwa	ter/Soil mo	nitoring tem	nplate	Lic No: W0267-01			Year 2013			
23/09/2013	GW1	Mercury	Biannually		<0.05	ug/l	0.75		data not available	
23/09/2013	GW1	Manganese	Biannually		18	ug/l	N/A		data not available	
23/09/2013	GW1	Nickel	Biannually		1.2	ug/l	15		data not available	
23/09/2013	GW1	Lead	Biannually		20	ug/l	18.75		data not available	
23/09/2013	GW1	Zinc	Biannually		11	ug/l	N/A		data not available	
23/09/2013	GW1	List I/II Organic compounds	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
23/09/2013	GW1	BTEX	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
23/09/2013	GW1	Mineral Oil	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	

.+ 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
19/02/2013	GW2	pН		Biannually		7.4	SELECT	N/A		data not available
19/02/2013	GW2	Conductivity		Biannually			SELECT	800-1875		data not available
19/02/2013	GW2	Chloride		Biannually		16	mg/l	24-187.5		data not available
19/02/2013	GW2	Total Ammonia		Biannually		<.01	mg/l	N/A		data not available
19/02/2013	GW2	Total Nitrogen		Biannually		11.3	mg/l	N/A		data not available
19/02/2013	GW2	Calcium		Biannually		120	mg/l	N/A		data not available
19/02/2013	GW2	Potassium		Biannually		<0.5	mg/l	N/A		data not available
19/02/2013	GW2	Magnesium		Biannually		24	mg/l	N/A		data not available
19/02/2013	GW2	Sodium		Biannually		<0.5	mg/l	150		data not available
19/02/2013	GW2	Boron		Biannually		52	ug/l	750		data not available
19/02/2013	GW2	Cadmium		Biannually		<0.08	ug/l	3.75		data not available
19/02/2013	GW2	Chromium		Biannually		<1	ug/l	37.5		data not available
19/02/2013	GW2	Copper		Biannually		3.1	ug/l	1500		data not available

Groundwa	ter/Soil mo	nitoring template		Lic No:	W0267-01		Year	2013		
19/02/2013	GW2	Iron (total)	Biannually		320	ug/l	N/A		data not available	
19/02/2013	GW2	Mercury	Biannually		<0.5	ug/l	0.75		data not available	
19/02/2013	GW2	Manganese	Biannually		1.3	ug/l	N/A		data not available	
19/02/2013	GW2	Lead	Biannually		<1.0	ug/l	18.75		data not available	
19/02/2013	GW2	Zinc	Biannually		1.5	ug/l	N/A		data not available	
19/02/2013	GW2	List I/II Organic compounds	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
19/02/2013	GW2	втех	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
19/02/2013	GW2	Mineral Oil	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td></td><td>data not available</td><td></td></lod<>	ug/l	N/A		data not available	
23/09/2013	GW2	рН	Biannually		7.6	SELECT	N/A		data not available	
23/09/2013	GW2	Conductivity	Biannually		740	SELECT	800-1875		data not available	
23/09/2013	GW2	Chloride	Biannually		20	mg/l	24-187.5		data not available	
23/09/2013	GW2	Total Ammonia	Biannually		0.05	mg/l	N/A		data not available	
23/09/2013	GW2	Total Nitrogen	Biannually		2.4	mg/l	N/A		data not available	
23/09/2013	GW2	Calcium	Biannually		120	mg/l	N/A		data not available	
23/09/2013	GW2	Potassium	Biannually		<.5	mg/l	N/A		data not available	
23/09/2013	GW2	Magnesium	Biannually		19	mg/l	N/A		data not available	
23/09/2013	GW2	Sodium	Biannually		6.8	mg/l	150		data not available	
23/09/2013	GW2	Boron	Biannually		1200	ug/l	750		data not available	
23/09/2013	GW2	Cadmium	Biannually		<0.08	ug/l	3.75		data not available	
23/09/2013	GW2	Chromium	Biannually		7.6	ug/l	37.5		data not available	
23/09/2013	GW2	Copper	Biannually		87	ug/l	1500		data not available	
23/09/2013	GW2	Iron (total)	Biannually		79	ug/l	N/A		data not available	
23/09/2013	GW2	Mercury	Biannually		<0.5	ug/l	0.75		data not available	
23/09/2013	GW2	Manganese	Biannually		18	ug/l	N/A		data not available	
23/09/2013	GW2	Nickel	Biannually		1.2	ug/l	15		data not available	
23/09/2013	GW2	Lead	Biannually		1	ug/l	18.75		data not available	

	er/Soil mo	onitoring template	· · · · · · · · · · · · · · · · · · ·	Lic No:	o: W0267-01			2013				
23/09/2013	GW2	Zinc	Biannually		34	ug/l	N/A	data not available				
23/09/2013	GW2	List I/II Organic compounds	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td>data not available</td><td></td></lod<>	ug/l	N/A	data not available				
23/09/2013	GW2	BTEX	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td>data not available</td><td></td></lod<>	ug/l	N/A	data not available				
23/09/2013	GW2	Mineral Oil	Biannually		<lod< td=""><td>ug/l</td><td>N/A</td><td>data not available</td><td></td></lod<>	ug/l	N/A	data not available				
*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, lease 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.												
please comple			as otherwise instructed	by the EPA.	separately through			water monitoring template				
please comple More informatic	on on the use c nd risk assessm	of soil and groundwater st	as otherwise instructed	by the EPA.		ALDER as a licensee r	return or	PA Licensed Sites (EPA 2013).				
please comple More informatic criteria (GAC) ar (see the link in G	on on the use c nd risk assessm 531)	of soil and groundwater st ent tools is available in th	as otherwise instructed	by the EPA. t <u>Guidance on th</u>	e Management of	ALDER as a licensee r	return or d and Groundwater at I					

	Groundwa	ter/Soil mo	nitoring ter	nplate		Lic No:	W0267-01	Year	2013
	Table 3: So	oil results						_	
Sample									

Date of sampling	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 templa	Lic No:	W0267-01	Year	2013
--	----------------------------------	---------	----------	------	------

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

		-	Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	
2	ELRA review status	Review required and not completed;	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€124,000	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	€6,500,000	
6	Financial Provision for ELRA - type	ironmental Impairment Liability insura	nce
7	Financial provision for ELRA expiry date	31/12/2014	
8	Closure plan initial agreement status	sure plan submitted and not agreed by I	PA
9	Closure plan review status	Review required and not completed	
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	
11	Financial Provision for Closure - amount of cover	€200,000	
12	Financial Provision for Closure - type	Other please specify	Deferred income
13	Financial provision for Closure expiry date	N/A	

	Environmental Management Programme/Continuous Improvement Programme	e template	Lic No:	W0267-01	Year	2013
	Highlighted cells contain dropdown menu click to view		Additional Information	on		
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	EMS maintai	ined as per waste licence conditions.		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	No				
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
					Improved Environmental
Additional improvements	Enhance environmental tra	50	Training and new procedures	Section Head	Management Practices
	Minimise waste retention				Improved Environmental
Materials Handling/Storage/Bunding		30	Increased turnaround time	Section Head	Management Practices
					Improved Environmental
Waste reduction/Raw material usage efficience	Minimise waste productio	30	Better work practices	Section Head	Management Practices
	Minimise water use				Improved Environmental
Energy Efficiency/Utility conservation		30	Better work practices	Section Head	Management Practices
	Minimise waste handling				Improved Environmental
Materials Handling/Storage/Bunding		30	Better work practices	Section Head	Management Practices
	Enhance waste				Improved Environmental
Materials Handling/Storage/Bunding	segregation	30	Waste oil collection	Section Head	Management Practices
	Minimise energy use				Improved Environmental
Materials Handling/Storage/Bunding		30	Better work practices	Section Head	Management Practices

Noise monitoring summary report	Lic No:	W0267-01	Year	2013
1 Was noise monitoring a licence requirement for the AER period?		Yes	-	

1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below

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?

3 Does your site have a noise reduction plan

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?

Table N1: Noi	le N1: Noise monitoring summary										
Date of monitoring		Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	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 <u>site</u> compliant with noise limits (day/evening/night)?
29/10/2013	3 11:39-12:09	N1		46.2	37.7	47.2		No	SELECT	Sorting and loading of so	Yes
29/10/2013	3 13:18-13:48	N1		38.8	33.5	41.6		No	SELECT	Forklift operating	Yes
29/10/2013	3 14:57-15:27	N1		46.2	36.8	48.6		No	SELECT		Yes
29/10/2013	323:02-23:32	N1		33.8	27	34.7		No	SELECT	No audible noise from si	Yes
29/10/2013	323:32-00:02	N1		42.9	29.5	32.6		No	SELECT	No audible noise from si	
29/10/2013	3 13:04-13:34	N2		43.4	35.4	45.7		No	SELECT	Vehicles arriving on site	Yes
29/10/2013	8 14:37-15:07	N2		48.9	36.9	49.1		No	SELECT		Yes
29/10/2013	313:50-14:20	N2		47.8	36.5	48.6		No	SELECT		Yes
29/10/2013	323:34-00:04	N2		31.6	27.2	32.9		No	SELECT	No audible noise from si	Yes
30/10/2013	300:04-00:34	N2		29.4	29.8	32.3		No	SELECT	No audible noise from si	Yes
29/10/2013	3 13:35-14:05	N3		48.2	41.6	51.7		No	SELECT	Forklift operating on site	Yes
29/10/2013	3 14:05-14:35	N3		53.1	46.1	56.3		No	SELECT		Yes
		N3		52.4	45.3			No	SELECT		Yes
29/10/2013	323:00-23:30	N3		36.1	35	37.5		No	SELECT	No audible noise from si	Yes
30/10/2013	300:05-00:35	N3		35.6	34.4	36		No	SELECT	No audible noise from si	Yes

Noise Guida

Yes

No

No

Enter date

\*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
			Additional information
1 When did the site carry out the most recent energy efficiency audit? Please list the recomme	endations in table 3 below	Enter date of audit	ted once all infrastructure is in place.
Is the site a member of any accredited programmes for reducing energy usage/water conservat as the SEAI programme linked to the right? If yes please list them in additional informatic		No	
Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence condition 3 additional information	s? Please state percentage in	No	

Table R1 Energy usag	e on site			
Energy Use	Previous year	Current year	compared to previous reporting	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (N	1WHrs)			
Electricity Consumption (MWHrs)	11516	11602		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)				
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	Table R2 Water usage on site				Water Emissions	Water Consumption	
						Volume used i.e not	
			Production +/- %	Energy		discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as steam m3/	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m <sup>3</sup> yr):	yr	Unaccounted for Water:
Groundwater	232	218			218		
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					
Total L		Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

2013

Resource	Resource Usage/Energy efficiency summary				Lic No:	W0267-01		Year	2013
	Table R4: Energy Audit finding recommendations								
	Description of			Predicted energy				Status and	
	Date of audit	Recommendations	Measures proposed	Origin of measures	savings %	Implementation date	Responsibility	Completion date	comments
				SELECT					
				SELECT					
				SELECT					

 Unit ID
 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	2013	
-	Complaints						
			Additional inform	nation			
	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	L 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		
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 report	ting year? Please list all incid	ents for current reporting		
year in Tab	le 2 below		No	
			-	-
*For information on how to report and what				
constitutes an incident	What is an incident			

for information of non-to-report and infat	
constitutes an incident	What is an incident

Table 2 Incidents sur	mmary		1										
			Incident category*please			Activity in progress at time of	F		Corrective action<20	Preventative		Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence			Cause of incident	 	Communication				Resolution status		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 20	013
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	

Additional Information

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

Were any wastes <u>accepted onto</u> your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your 1 boundaries is to be captured through PRTR reporting)

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

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

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	EWC code		-	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for		Disposal/Recovery or treatment	Quantity of	Comments -
	Ewecode	Source of waste accepted									connients -
tonnage limit for your				accepted in current	previous reporting year (tonnes)	Increase over		only applies if the waste		waste remaining	
site (total			Please enter an accurate	reporting year (tonnes)		previous year +/ -	from previous	has a packaging	site and the description of this	on site at the	
tonnes/annum)			and detailed description			%	reporting year	component	operation	end of reporting	
			<ul> <li>which applies to</li> </ul>							year (tonnes)	
			relevant EWC code								
	European Waste Catalogue EWC codes		European Waste Catalogu								
1		13- OIL WASTES AND WASTES									
1		OF LIQUID FUELS (except edible									
		oils, and those in chapters 05,									
1980	13 02 08*	12 and 19)	Waste oil	317.56		100%	N/A		R13-Storage of waste pending an	31.11	
1		16- WASTES NOT OTHERWISE									
480	16 01 07*	SPECIFIED IN THE LIST	Waste oil filters	1.89	6	100%	N/A		R13-Storage of waste pending an	1.89	
		16- WASTES NOT OTHERWISE									
12000	16 01 22	SPECIFIED IN THE LIST	ELV motors	83.87	154.84	-46%	Reduced business		R13-Storage of waste pending an	2.6	
		16- WASTES NOT OTHERWISE									
5040	16 06 01*	SPECIFIED IN THE LIST	Waste batteries	1715.5	2418.6	-29%	Reduced business		R13-Storage of waste pending an	80.87	
		16- WASTES NOT OTHERWISE	Waste catalytic								
1	16 08 01	SPECIFIED IN THE LIST	convertors	26.6	28.16	-5%	Reduced business		R13-Storage of waste pending an	8.25	
		17- CONSTRUCTION AND									
1		DEMOLITION WASTES									
1		(INCLUDING EXCAVATED SOIL									
12000	17 04 01	FROM CONTAMINATED SITES)	Waste C+D copper	32.31	61.99	-48%	Reduced business		R13-Storage of waste pending an	28.48	
1		17- CONSTRUCTION AND									
1		DEMOLITION WASTES									
1		(INCLUDING EXCAVATED SOIL									
	17 04 02	FROM CONTAMINATED SITES)	Waste C+D Aluminium	109.27	40	63%	Increased business		R13-Storage of waste pending an	2.51	
									····· • • • • • • • • • • • • • • • • •		
		17- CONSTRUCTION AND									
1		DEMOLITION WASTES									
1		(INCLUDING EXCAVATED SOIL									
1	17 04 03	FROM CONTAMINATED SITES)	Waste C+D Lead	36.71	62.5	-41%	Reduced business		R13-Storage of waste pending an	0.56	
		551111111111111111111111111111111111111		50.71	02.0	12/0			in the second	5.50	
		17- CONSTRUCTION AND									
		DEMOLITION WASTES									
		(INCLUDING EXCAVATED SOIL									
	17 04 05	FROM CONTAMINATED SITES)	Waste C+D stainless steel	1014.05	1471.38	-31%	Reduced business		R13-Storage of waste pending an	0	
	1, 0, 05	contraint, i.e. official		1514.05	14/1.50	-31/0			entrage of waste pending un	1	
		17- CONSTRUCTION AND									
		DEMOLITION WASTES									
		(INCLUDING EXCAVATED SOIL									
	17 04 11	FROM CONTAMINATED SITES)	Waste C+D cablina	92.87	82.38	11%	Increased business		R13-Storage of waste pending an	3.86	
	17 07 11	contraint, i.e. official		52.07	02.50	11/1			entrage of waste pending un	5.00	
H											
						l					

WASTE SUMMARY	Lic No:	W0267-01	Year	2013

## 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

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

6 Does your facility have relevant nuisance controls in place? 7 Do you have an odour management system in place for your facility? If no why? 8 Do you maintain a sludge register on site?

	COMPLETED BY LANDFILL SITES O	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?	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
0	ell 8												



WASTE SUMMARY					Lic No:	W0267-01		Year	
able 4 Environme	ntal monitoring-landfill only	Landfill Manual-Monitoring Star	idards						
	Was leachate monitored in compliance	compliance with LD standard in			Were emission limit values agreed with	of the site surveyed in	Has the statement under S53(A)(5) of WMA been submitted		
n reporting year +	with LD standard in reporting year	reporting year	standard in reporting year	been established	the Agency (ELVs)	reporting year	in reporting year	Comments	
+ plazca rafar ta Landfill	Manual linked above for relevant Landfill	Directive monitoring standards							
Fable 5 Capping-La		Directive monitoring standards							
able 5 Capping-La	numi oniy						1		
Area uncapped*	Area with temporary cap			Area with waste that should be permanently					
SELECT UNIT	SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments			
							1		
please note this include									
Table 6 Leachate-L							-		
	e treated in a Waste Water Treatment Plar					SELECT			
s leachate released to si	urface water? If yes please complete leach	late mass load information below				SELECT	J		
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	]	
					l			1	
	Please ensure that all information repo	orted in the landfill gas section is	consistent with the Landfill	Gas Survey submitted in	conjunction with PPTR returns				
Table 7 Landfill Gas		and an and an and an age section is	consistent with the californi	Gas Survey Submitted in	conjunction with rather returns				
	-Lanum only								

Was surface emissions monitoring performed during the reporting year?

SELECT

mments

Used on-site or to national grid

Gas Captured&Treated by LFG System m3

Power generated (MW / KWh)

16/08/2014 16:34

| PRTR# : W0267 | Facility Name : Hi-Volt Ireland Limited | Filename : w0267\_2013.xls | Return Year : 2013 |



Guidance to completing the PRTR workbook

# **AER Returns Workbook**

REFERENCE YEAR 2013 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

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 4.13 such waste is produced.

Address 1	Ballyduff (townland Shanballyduff and Piercetown)
Address 2	
Address 3	
Address 4	
///////////////////////////////////////	
	Tipperary
Country	
Coordinates of Location	
River Basin District	
NACE Code	3812
	Collection of hazardous waste
AER Returns Contact Name	Antoinette Russell
AER Returns Contact Email Address	antoinette@batteryrecycling.ie
AER Returns Contact Position	Environmental Officer
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	0504 34555
Production Volume	
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	
Number of Employees	10
User Feedback/Comments	
Web Address	
2. PRTR CLASS ACTIVITIES	
Activity Number	Activity Name

Activity Number 50.1 Activity Name 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 2

4. WASTE IMPORTED/ACCEPTED	ONTO SITE	Guidance on waste imported/accepted onto site
Do you import/accept waste onto y	our site for on-	
site treatment (either recov	very or disposal	
	activities) ?	

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

	European Waste		Quantity (Tonnes per Year)		Waste Treatment	M/C/E	Method Used	Location of	Haz Waste : Name and Licence/Permit No of Next Destination Facility <u>Non Haz Waste:</u> Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility <u>Non Haz Waste</u> : Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destina i.e. Final Recovery / Disposal S (HAZARDOUS WASTE ONL
ansfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment		Windermere		
Other Countries	16 01 22	No	6.25	components not otherwise specified	R13	м	Weighed	Abroad	SIMS Group, DP3695ML Davis Recycling, WFP-DS-11-	rd,.,Hartlepool,TS251 NX,United Kingdom Greenougue Business		
ithin the Country	16 01 22	No	2.62	components not otherwise specified	R13	м	Weighed	Offsite in Ireland		park,.,Rathcoole,.,Ireland Windermere		
o Other Countries	17 04 03	No	2.36	lead	R13	м	Weighed	Abroad	SIMS Group, DP3695ML Davis Recycling, WFP-DS-11-	rd,,Hartlepool,TS251 NX,United Kingdom Greenougue Business		
Other Countries	17 04 01	No	1.02	copper, bronze, brass	R13	М	Weighed	Abroad	0014-03	park,.,Rathcoole,.,Ireland	Boliden Bergsoe,556041-	
o Other Countries	16 06 01	Yes	831.51	lead batteries	R4	м	Weighed	Abroad	Boliden Bergsoe AB,556041- 8823	Gasverkgatan,Box 132,Landskrona,SE 261 22,Sweden Rassau Industrial	8823,Gasverksgatan,Box 123,Landskorona,SE 261 22,Sweden Enviro Wales,EP 3230 BW,Rassau Industrial	Gasverksgatan,Box 123,Landskorona,SE 261 22,Sweden Rassau Industrial
o Other Countries	16 06 01	Yes	893.04	lead batteries	R4	м	Weighed	Abroad	Enviro Wales, EP 3230 BW	estate,,Ebbw vale,NP523 Nsd,United Kingdom	Estate,Ebbw Vale,NP23 5SD,United Kingdom Rilta Environmental,W0192-	Estate,.,Ebbw Vale,NP23 5SD,United Kingdom
/ithin the Country	16 06 01	Yes	0.44	lead batteries	R4	м	Weighed	Offsite in Ireland	KMK,W0113-04	Cappincur Industrial Estate,,Tullamore,,Ireland Windermere	03,Grants drive,Block 402,Rathcoole,.,Ireland	Grants drive,Block 402,Rathcoole,.,Ireland
o Other Countries	17 04 01	No	1.07	copper, bronze, brass spent catalysts containing gold, silver,	R13	м	Weighed	Abroad	SIMS Group, DP3695ML	rd,.,Hartlepool,TS251 NX,United Kingdom		
o Other Countries	16 08 01	No		rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	R13	м	Weighed	Abroad	ARC Metal,305	,Hofors,SE 813 21,Sweden		
Other Countries	17 04 01	No	30.74	copper, bronze, brass	R13	м	Weighed	Abroad	FJ Church, EAWML 80771 O'Reilly Recycilng, WCP-DC-	Manor Way,.,Essex,RM 13 8RH,United Kingdom Blanchardstown, Dublin, Irel		
ithin the Country	17 04 02	No	55.74	aluminium	R13	М	Weighed	Offsite in Ireland		and Manor Way,.,Essex,RM 13		
Other Countries	17 04 02	No	8.59	aluminium	R13	М	Weighed	Abroad		8RH,United Kingdom		
ithin the Country	17 04 02	No	10.36	aluminium	R13	м	Weighed	Offsite in Ireland	United Metal Recycling,WFP- LK-2013-147AR3	Eastway Business Park,.,Limerick,.,Ireland Windermere rd,.,Hartlepool,TS251		
o Other Countries	17 04 02	No	2.15	aluminium	R13	м	Weighed	Abroad	SIMS Group, DP3695ML Hammond Lane metal, WCP-	NX,United Kingdom		
ithin the Country	17 04 02	No	28.83	aluminium	R13	М	Weighed	Offsite in Ireland		Rd,.,Dublin,.,Ireland Manor Way,.,Essex,RM 13		
Other Countries		No	32.83			М	Weighed	Abroad	FJ Church, EAWML 80771	8RH,United Kingdom Manor Way,.,Essex,RM 13		
Other Countries		No				M	Weighed	Abroad	FJ Church, EAWML 80771 Davis Recycling, WFP-DS-11-			
ithin the Country		No			R13 R13	м	Weighed		0014-03 MSM Recycling,WFP-TN-11- 0003-02	park,.,Rathcoole,.,Ireland		
/ithin the Country		No				м	Weighed	Offsite in Ireland	O'Reilly Recycilng,WCP-DC-	Blanchardstown,.,Dublin,.,Irel		
ithin the Country		No	468.83	iron and steel		м	Weighed	Offsite in Ireland	Hammond Lane metal, WCP-	Rd,.,Dublin,.,Ireland		
o Other Countries	17 04 11	No	73.72		R13	м	Weighed	Abroad		Manor Way,.,Essex,RM 13 8RH,United Kingdom		
ithin the Country	17 04 11	No	6.32	cables other than those mentioned in 17 04 10	R13	м	Weighed	Offsite in Ireland	Davis Recycling,WFP-DS-11- 0014-03	Greenougue Business park,.,Rathcoole,.,Ireland Windermere		
Other Countries	17 04 11	No	8.97	cables other than those mentioned in 17 04 10	R13	м	Weighed	Abroad	SIMS Group, DP3695ML	rd,.,Hartlepool,TS251 NX,United Kingdom	Rilta Environmental W0192-	
/ithin the Country	13 02 08	Yes	260.45	other engine, gear and lubricating oils	R13	м	Weighed	Offsite in Ireland	Rilta Environmental Itd,W0192-03	Grants drive,Block 402,Rathcoole,.,Ireland	03,Grants drive,Block 402,Rathcoole,,Ireland	Grants drive,Block 402,Rathcoole,.,Ireland
ithin the Country	17 04 03	No	2.32	lead	R9	м	Weighed	Offsite in Ireland		Greenougue Business park,.,Rathcoole,.,Ireland	Puralube GmBh,WA8 400	
	13 02 08	Yes		other engine, gear and lubricating oils	R9	м	Weighed	Abroad	Puralube GmBh,WA8 400	Dr-Von-Linde Strasse,6,Troglitz,6729,Ger many	010,Dr-Von-Linde Strasse,6,Troglitz,6729,Ger many	Dr-Von-Linde Strasse,6,Troglitz,6729,0 many

Link to previous years waste data Link to previous years waste summary data & percentage change Link to Waste Guidance

Cell: A3 Comment: Select the Transfer Destination from the dropdown list

Cell: B3 Comment: Select the EWC (European Waste Code) by double-clicking on the cell below then double-click to select the Group, SubGroup and Code on the reference sheet

Cell: C3 Comment: This will automatically be filled in when the EWC has been selected

Cell: D3 Comment: Enter a Quantity for the waste code in Tonnes/Year

Cell: E3 Comment: The default description of the EWC can be changed by editing the cell contents below

Cell: F3 Comment: Select a Waste Treatment Operation by double-clicking on the cell below then double-click a Recoverr/Disposer code on the reference sheet

Cell: I3 Comment: Select a Location of Treatment from the dropdown list

Cell: J3 Comment: Enter name, license and address details by double-clicking on the cells in this column

Cell: L3 Comment: Enter name and address details by double-clicking on the cells in this column

Cell: G4 Comment: Select Method Used from the dropdown list. Valid entries are (M)easured, (C)alculated or (E)stimated

Cell: H4 Comment: Select the method used from the dropdown list below