

Facility Information Summary	
AER Reporting Year	2014
Licence Register Number	P0269-02
Name of site	BASTA
Site Location	TUBBERCURRY, CO SLIGO
NACE Code	DJ2863
Class/Classes of Activity	MANUFACTURING COMPANY
National Grid Reference (6E, 6 N)	N54 3.143 W8 44.155
<p>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.</p>	<p>Basta Parsons Ltd is a Manufacturing Company that produces Window and Door Furniture . Our products are made from Zinc and are electroplated and powder coated finished. We strive to improve our Enviromental performance each year. We have had only slight increases in our use of natural resources even though Production has increased by 4.39% compared to previous year.</p>

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.

_____	_____
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template Lic No: P0269-02 Year 2014

Answer all questions and complete all tables where relevant

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

SELECT	Additional information
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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	
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3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

SELECT	
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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 thereof	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?

If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below

Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
	<input type="text" value="SELECT"/>			<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>				<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>				<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>				<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>				<input type="text" value="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

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		Solvent regulations Please refer to linked solvent regulations to complete table 5 and 6	
Total VOC Emission limit value			

Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary

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

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AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: P0269-02 Year 2014

		Additional information	
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising <u>only any evidence of contamination noted during visual inspections</u>	Yes	

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

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

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
SW1	Daily	No contamination was observed	site		
			SELECT		

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

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	No	Additional information
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	Yes	External /Internal Lab Quality checklist Assessment of results checklist

Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ Substance ^{Note 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)
SW1	Water	Fats oils and Greases	composite	Bi-annual	24 hour	20mg/L	All values < ELV	<1.0	mg/L	yes	STRUMENTAL METHO	EN ISO		5.82Kg/Yr
		Volatile organic compounds (as TOC)	composite	Bi-annual	24 hour		All values < ELV	50.79	mg/L	yes	STRUMENTAL METHO	EN ISO		295.9Kg/Yr
		Ammonia (as N)	composite	Bi-annual	24 hour	10mg /L	All values < ELV	2.3	mg/L	yes	rophotometry (Colorin	EN ISO		13.39Kg/Yr
		Cadmium and compounds (as Cd)	composite	Bi-annual	24 hour	0.1mg/L	All values < ELV	0.002	mg/L	yes	rophotometry (Colorin	EN ISO		0.012Kg/yr
		Phenols (as total C)	composite	Bi-annual	24 hour		All values < ELV	0.009	mg/L	yes	STRUMENTAL METHO	EN ISO		0.052Kg/Yr
		Total phosphorus	composite	Bi-annual	24 hour	2.0mg/L	All values < ELV	0.002	mg/L	yes	STRUMENTAL METHO	EN ISO		0.011Kg/Yr
		BOD	composite	Bi-annual	24 hour	20.0mg/L	All values < ELV	4.5	mg/L	yes	STRUMENTAL METHO	EN ISO		26.21Kg/Yr
		Suspended Solids	composite	Bi-annual	24 hour	30.0mg/L	All values < ELV	4	mg/L	yes		EN ISO		23.3Kg/Yr

ow shall be included as a reportable parameter

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

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

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

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

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
	Water	Copper and compounds (as Cu)	0.5mg/L	24 hour	All values < ELV	mg/L	1.22Kg/Yr	-38.44%	None		
	Water	Zinc and compounds (as Zn)	0.5mg/L	24 hour	All values < ELV	mg/L	0.932Kg/Yr	9.38%	None		
	Water	Nickel and compounds (as Ni)	0.5mg/L	24 hour	All values < ELV	mg/L	1.328Kg/Yr	-21.68%	None		
	Water	Cyanides (as total CN)	0.05mg/L	24 hour	All values < ELV	mg/L	0.110Kg/Yr	-9.30%	None		
	Water	Total Chromium	0.05mg/L	24 hour	All values < ELV	mg/L	0.524Kg/Yr	2.34%	None		
	Water	Chromium and compounds (as Cr)	0.1mg/L	24 hour	All values < ELV	mg/L	0.361Kg/Yr	11.07%	None		
	Water	Total Chlorides	N/A	24 hour	All values < ELV	mg/L	4.07Kg/Yr	-117.00%	None		
	Water	Free Chlorides	N/A	24 hour	All values < ELV	mg/L	0.93Kg/Yr	-180.00%	None		
	Water	COD	100mg/L	24 hour	All values < ELV	mg/L	209.79Kg/Yr	-30.39%	None		
	Water	volumetric flow	200M3/Day	24 hour	All values < ELV		5826M3	-10.00%	None		

vw 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 testing

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B1 below listing all **new bunds and containment structures on site**, in addition to **all bunds which failed the integrity test- all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period**(mobile bunds and chemstore included)

- 1 Please provide integrity testing frequency period
- 2 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)
- 3 How many bunds are on site?
- 4 How many of these bunds have been tested within the required test schedule?
- 5 How many mobile bunds are on site?
- 6 Are the mobile bunds included in the bund test schedule?
- 7 How many of these mobile bunds have been tested within the required test schedule?
- 8 How many sumps on site are included in the integrity test schedule?
- 9 How many of these sumps are integrity tested within the test schedule?

Yes	
3 years	
Yes	
29	
ALL	
20	
Yes	
ALL	
ALL	
ALL	

- Please list any sump integrity failures in table B1**
- 11 Do all sumps and chambers have high level liquid alarms?
 - 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
 - 13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
No	
N/A	

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)
BB No 1	Plastic		Waste Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass		SELECT		
BB No 2	Plastic		Waste Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass		SELECT		
BB No 3	Plastic		Waste Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 4	Plastic		Waste Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 5	Plastic		Waste Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 6	Plastic		Chemical Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 7	Plastic		Chemical Storage	1130	1000	Hydraulic test		Jun-12	Yes	Pass				
BB No 8	Plastic		Chemical Storage	1130	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 9	Plastic		Chemical Storage	3000	1000	Hydraulic test		Nov-12	Yes	Pass				
BB No 10	Plastic		Chemical Storage	1140	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 11	Plastic		Chemical Storage	250	200	Hydraulic test		Nov-12	Yes	Pass				
BB No 12	Plastic		Chemical Storage	250	200	Hydraulic test		Nov-12	Yes	Pass				
BB No 13	reinforced concrete		Chemical Storage	25000	20000	Structural assessment		Nov-12	Yes	Pass				
BB No 14	reinforced concrete		Oil Storage	16500	13500	Structural assessment		Nov-13	Yes	Pass				
BB No 15	prefabricated		Oil Storage	100	25	Hydraulic test		Nov-13	Yes	Pass				
BB No 16	Plastic		Waste Storage	3000	1000	Hydraulic test		Nov-13	Yes	Pass				
BB No 17	reinforced concrete		Waste Storage	16500	10000	Structural assessment		Nov-13	Yes	Pass				
BB No 18	Plastic		Chemical Storage	800	200	Hydraulic test		Nov-12	Yes	Pass				
BB No 19	reinforced concrete		Waste Containment	500	420	Structural assessment		Nov-13	Yes	Pass				
BB No 20	reinforced concrete		Waste Containment	500	420	Structural assessment		Mar-12	Yes	Pass				
BB No 21	Plastic		Chemical Storage	1130	1000	Hydraulic test		Nov-12	Yes	Pass				
BB No 22	reinforced concrete		Waste Containment	40500	30000	Structural assessment		Nov-13	Yes	Pass				
BB No 23	Plastic		Chemical Storage	250	200	Hydraulic test		Nov-12	Yes	Pass				
BB No 24	Plastic		Chemical Storage	90	25	Hydraulic test		Nov-12	Yes	Pass				
BB No 26	Plastic		Chemical Storage	3000	2600	Hydraulic test		Nov-12	Yes	Pass				
BB No 27	Plastic		Chemical Storage	74	50	Hydraulic test		Nov-12	Yes	Pass				
BB No 28	Plastic		Chemical Storage	250	200	Hydraulic test		Nov-13	Yes	Pass				
BB No 29	reinforced concrete		Waste Containment	2000	1700	Structural assessment		Nov-13	Yes	Pass				

* Capacity required should comply with 25% or 110% containment rate as detailed in your licence
 Has integrity testing been carried out in accordance with licence requirements and are all structures tested in [bunding and storage guidelines](#)

- 15 line with BS8007/EPA Guidance?
- 16 Are channels/transfer systems to remote containment systems tested?
- 17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary	
Yes	
N/A	
N/A	

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

- 1 all underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**
 - 2 Please provide integrity testing frequency period
- *please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
3 years	

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)
Storm Water	Storm	concrete	No	N/A	CCTV	Yes	Pass				
Sewer Water	Foul	concrete	No	N/A	CCTV	Yes	Pass				

Bund/Pipeline testing template									
				Lic No:	P0269-02		Year	2014	

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

Groundwater/Soil monitoring template	Lic No:	P0269-02	Year	2014
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		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	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no		
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	no		
5	Is the contamination related to operations at the facility (either current and/or historic)	yes		
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	yes		New Wells installed to monitor progress
7	Please specify the proposed time frame for the remediation strategy	TBA		
8	Is there a licence condition to carry out/update ELRA for the site?	yes		
9	Has any type of risk assesment been carried out for the site?	yes		
10	Has a Conceptual Site Model been developed for the site?	yes		
11	Have potential receptors been identified on and off site?	yes		
12	Is there evidence that contamination is migrating offsite?	no		Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

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

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Groundwater/Soil monitoring template Lic No: P0269-02 Year 2014

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
Nov-14	MW 2	PH		Bi Annual	7.45	7.18	N/A	6.5 - 9.5	IGV	no
	MW 2	Conductivity		Bi Annual	670	643	N/A	1000	IGV	no
	MW 2	Dissolved Copper		Bi Annual	13	13	N/A	30	IGV	no
	MW 2	Dissolved Chrome		Bi Annual	Not Checked	Not Checked	ug/l	30	IGV	no
	MW 2	Dissolved Zinc		Bi Annual	4	4	ug/l	100	IGV	no
	MW 2	Dissolve Cadmium		Bi Annual	0.6	0.6	ug/l	5	IGV	No
	MW 2	Dissolved Nickel		Bi Annual	8	6.5	ug/l	20	IGV	no
	MW 2	Mercury		Bi Annual	Not Checked	Not Checked	ug/l	No Value	IGV	no
	MW 2	Ammonia (as N)		Bi Annual	0.28	0.22	ug/l	0.15	IGV	no
	MW 2	Nitrate as (NO3)		Bi Annual	Not Checked	Not Checked	ug/l	No Value	IGV	no
	MW 2	Chloride		Bi Annual	22.2	18.1	ug/l	30	IGV	no
	MW 2	Chromium V1		Bi Annual	Not Checked	Not Checked	ug/l	No Value	IGV	no
	MW 2	Dissolved Selenium		Bi Annual	Not Checked	Not Checked	ug/l	No Value	IGV	no

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

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see [Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\)](#), the link in G31)

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS). If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS) [Surface water EQS](#) [Groundwater regulations](#) [Drinking water \(private supply\) standards](#) [Drinking water \(public supply\) standards](#) [Interim Guideline Values \(IGV\)](#)

Groundwater/Soil monitoring template Lic No: P0269-02 Year 2014

Table 3: Soil results

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

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

Environmental Liabilities template

Lic No:

P0269-02

Year

2014

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary	
1	ELRA initial agreement status	Submitted and not agreed by EPA;	
2	ELRA review status	Review required and not completed;	Awaiting outcome of Further investigation on site
3	Amount of Financial Provision cover required as determined by the latest ELRA	Awaiting outcome of next Groundwater report	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	Specify	To be determined by the Final ELRA
6	Financial Provision for ELRA - type	SELECT	TBA
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	
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	Specify	TBA
12	Financial Provision for Closure - type	SELECT	TBA
13	Financial provision for Closure expiry date	Enter expiry date	TBA

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	P0269-02	Year	2014
Highlighted cells contain dropdown menu click to view		Additional Information			
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes			
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
Waste reduction/Raw material usage efficiency	reduce scrap in production from 3.3% to 2.8%	80	Training operators to be more focussed on quality	Section Head	Less complaints
Groundwater protection	all test on groundwater to be below IGV levels	60	Install new wells to monitor progress on site	Section Head	Remediation of contamination on site
Energy Efficiency/Utility conservation	Reduction in electricity / oil	80	Utilization of Plant when in production	SELECT	Reduce energy Consumption

Noise monitoring summary report Lic No: P0269-02 Year 2014

- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below No
- 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? Noise Guidance note NG4
SELECT
- 3 Does your site have a noise reduction plan No
- 4 When was the noise reduction plan last updated? Enter date
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey? 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)?
								SELECT	SELECT		SELECT

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

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

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

P0269-02

Year

2014

- 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
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

[SEAI - Large Industry Energy Network \(LIEN\)](#)

Additional information

	Jan-07	
No		
Yes		Basta is compliant with IPPC Licence

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)	1517 MW / H	1542.7 MW / H	4.39%	1.69%
Total Energy Generated (MWHrs)	0	0		
Total Renewable Energy Generated (MWHrs)	0	0		
Electricity Consumption (MWHrs)	733.17 MW /H	748.95 MW /H		0.02%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	N/A	N/A		
Light Fuel Oil (m3)	45274 Litres	52237 Litres		15.37%
Natural gas (m3)	103280 Litres	115780 Litres		12.10%
Coal/Solid fuel (metric tonnes)	N/A	N/A		
Peat (metric tonnes)	N/A	N/A		
Renewable Biomass	N/A	N/A		
Renewable energy generated on site	N/A	N/A		

* 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							
Surface water							
Public supply	6448 m3 / yr	6650m3 /yr	3.13%		5826m3 /yr	40.5m3/yr	Released to sewer
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)	27.57	0	27.57		
Non-Hazardous (Tonnes)	13.33	6.73			6.6

Resource Usage/Energy efficiency summary	Lic No: P0269-02	Year	2014
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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					

WASTE SUMMARY	Lic No:	P0269-02	Year	2014
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological 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 SS3(A)(5) of WMA been submitted in reporting year	Comments
---	---	---	---	---	--	---	---	----------

-> please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9 Is leachate from your site treated in a Waste Water Treatment Plant?

SELECT
SELECT

10 Is leachate released to surface water? If yes please complete leachate mass load information below

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


Facility Information Summary	
AER Reporting Year	2014
License Register Number	

water, noise.

made from Zinc and are electroplated and powder coated finished. We strive to improve our Enviromental performance each year. We have had only slight increases in our use of natural resources even though Production has increased by 4.39% compared to previous year.

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.

	9 th March 2015
Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

Licence register number
 Name of site
 Site Location
 NACE Code
 Class/Classes of Activity
 National Grid Reference (6E, 6 N)

P0269-02
BASTA
TUBBERCURRY, CO SLIGO
DJ2863
MANUFACTURING COMPANY
N54 3.143 W8 44.155

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.**

Basta Parsons Ltd is a Manufacturing Company that produces Window and Door Furniture . Our products are



Environmental Protection Agency

| PRTR# : P0269 | Facility Name : Basta Hardware Limited | Filename : P0269_2014 EXCEL WORKBOOK.xls | Return Year : 2014 |

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[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014
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1. FACILITY IDENTIFICATION

Parent Company Name	Basta Parsons Limited
Facility Name	Basta Hardware Limited
PRTR Identification Number	P0269
Licence Number	P0269-02

Classes of Activity

No.	class name
-	Refer to PRTR class activities below

Address 1	Gallagher Road
Address 2	Tubbercurry
Address 3	
Address 4	
	Sligo
Country	Ireland
Coordinates of Location	-8.73613 54.0523
River Basin District	IEWE
NACE Code	2561
Main Economic Activity	Treatment and coating of metals
AER Returns Contact Name	James Loftus
AER Returns Contact Email Address	lab@bastaparsons.com
AER Returns Contact Position	Metal Finishing Supervisor
AER Returns Contact Telephone Number	0719185032
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	0719186239
Production Volume	126.543
Production Volume Units	Tonnes
Number of Installations	1
Number of Operating Hours in Year	1728
Number of Employees	42
User Feedback/Comments	The Four pollutants that have varied by more than 50% are all well within our licence limits and due to a small number of samples the results can vary considerably from year to year. There was no monitoring on Emissions to Air for 2014 as its only required on a Biennially basis.
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
2(f)	Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption?	No
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

[Guidance on waste imported/accepted onto site](#)

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

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
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

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
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

* 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)

POLLUTANT		METHOD			QUANTITY			
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

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

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : P0269 | Facility Name : Basta Hardware Limited | Filename : P0269_2014 EXCEL WORKBOOK.xls | Return Year : 2014 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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
20	Copper and compounds (as Cu)	M	OTH	Inhouse Lab	0.21	0.21	0.0	0.0
22	Nickel and compounds (as Ni)	M	OTH	Inhouse Lab	0.228	0.228	0.0	0.0
82	Cyanides (as total CN)	M	OTH	inhouse Lab	0.019	0.019	0.0	0.0
19	Chromium and compounds (as Cr)	M	OTH	Inhouse Lab	0.09	0.09	0.0	0.0
79	Chlorides (as Cl)	M	OTH	Inhouse Lab	0.7	0.7	0.0	0.0
76	Total organic carbon (TOC) (as total C or COD/3)	M	OTH	COD/3	36.01	36.01	0.0	0.0
71	Phenols (as total C)	M	OTH	SLS TM 062	0.009	0.009	0.0	0.0
13	Total phosphorus	M	OTH	4500-PB950	0.002	0.002	0.0	0.0
18	Cadmium and compounds (as Cd)	M	OTH	ICP SPECTHROMETRY	0.0002	0.0002	0.0	0.0
24	Zinc and compounds (as Zn)	M	OTH	Inhouse Lab	0.16	0.16	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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
314	Fats, Oils and Greases	M	OTH	OFG-5520 B	1.0	1.0	0.0	0.0
347	Total heavy metals	M	OTH	STANDARD METHOD	0.758	0.758	0.0	0.0
238	Ammonia (as N)	M	OTH	4500 ISE	2.3	2.3	0.0	0.0
240	Suspended Solids	M	OTH	2540-D	4.0	4.0	0.0	0.0
303	BOD	M	OTH	5210 B	4.5	4.5	0.0	0.0
306	COD	M	OTH	IN HOUSE LAB	36.01	36.01	0.0	0.0
					0.0	0.0	0.0	0.0

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : P0269 | Facility Name : Basta Hardware Limited | Filename : P0269_2014 EXCEL WORK

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SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : P0269 | Facility Name : Basta Hardware Limited | Filename : P0269_2014 EXCEL WORKBOOK.xls | Return Year : 2014 |

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SECTION A : PRTR POLLUTANTS

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

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

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

POLLUTANT		RELEASERS TO LAND			Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : P0269 | Facility Name : Basta Hardware Limited | Filename : P0269_2014 EXCEL WORKBOOK.xls | Return Year : 2014 |

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Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non	Haz Waste : Address of Next Destination Facility	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		Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer			
To Other Countries	11 01 09	Yes	4.45	Sludge & filter cake(Zinc Hydroxide sludge)	R11	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	11 01 09	Yes	11.42	Green Sludge	R11	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
Within the Country	12 01 99	No	2.16	Scrap Metal	R4	M	Weighed	Offsite in Ireland	Galway Metal,CW004 Barna Waste		Oranmore,,Galway,,Ireland	Recycling Depot,Headford rd ,Galway,,Ireland	
Within the Country	15 01 01	No	1.325	corrugated/non corrugated cardboard	R11	M	Weighed	Offsite in Ireland	Disposal,CW074 Barna Waste		Recycling Depot,Headford rd ,Galway,,Ireland		
Within the Country	15 01 02	No	0.636	Blister /Clampack waste	R11	M	Weighed	Offsite in Ireland	Disposal,CW074 Barna Waste		Recycling Depot,Headford rd ,Galway,,Ireland		
Within the Country	15 01 02	No	2.473	Plastic Packaging(mixed Recyclables)	R11	M	Weighed	Offsite in Ireland	Disposal,CW074		Recycling Depot,Headford rd ,Galway,,Ireland		
To Other Countries	15 02 02	Yes	0.0	Copper Filter waste	R11	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	16 05 07	Yes	1.34	Nickel Sludge waste	D10	M	Weighed	Abroad	Rialta,CW421 Barna Waste		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
Within the Country	20 01 08	No	0.2	biodegradable kitchen and canteen waste	R10	M	Weighed	Offsite in Ireland	Disposal,CW074		Recycling Depot,Headford rd ,Galway,,Ireland		
To Other Countries	20 01 40	No	0.0	Metals (Scrap Zinc)	R4	M	Weighed	Abroad	DGT UK,, Barna Waste		Recycling Depot,Headford rd ,Galway,,Ireland		
Within the Country	20 01 99	No	6.736	General Refuse	D1	M	Weighed	Offsite in Ireland	Disposal,CW074				
To Other Countries	11 01 05	Yes	2.36	pickling acids sludges and filter cakes containing	D10	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	11 01 09	Yes	1.0	dangerous substances	D10	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	13 05 07	Yes	1.0	oily water from oil/water separators absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by	R1	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	15 02 02	Yes	1.0	dangerous substances	D10	M	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium
To Other Countries	15 01 10	Yes	0.5	contaminated by dangerous substances	D10	E	Weighed	Abroad	Rialta,CW421		Rathcoole,,Dublin,,Ireland	Revatech,SA 252,,,,Engis,,Belgium	,,,,,,Belgium

* 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](#)
[Link to Waste Guidance](#)