

**Facility Information Summary**

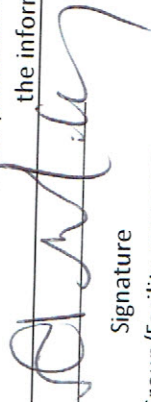
AER Reporting Year	2015
Licence Register Number	W0197-02
Name of site	Mulleadys Limited Mullingar
Site Location	Unit 16 - 17 Mullingar Business Park Mullingar Co. Westmeath
NACE Code	3811, 3821
Class/Classes of Activity	Principal Class of Activity 3.13
National Grid Reference (6E, 6 N)	E242474.54, N252230.72

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.**

Mulleadys Ltd Mullingar, formally known as Wallaces is licenced to accept 50.000 tonnes of waste per annum. Mulleadys acquired Wallaces facility in Febraury 2014. This 1 arce site is located in an industrial area of Mullingar Business Park Co. Westmeath. Activities onsite are limited to bulking the waste and transferring it offsite to landfill, incineration and recycling outlets. No processing of waste takes place onsite as the trommel and picking station has been dismantled. Civic amenity is still available to facilitate the public.

**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.

	31/3/2016
Signature	Date
Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	

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Answer all questions and complete all tables where relevant

Additional information

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you **do not** need to complete the tables

Yes	During the reporting period Four set of results were obtained for dust. Standard method VDI12119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute) was utilized for analysis.
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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

Yes	In quarter 1 2015, monitoring point D3 exceeded the emission limit vaule set in schedule C of the waste licence. Dust bottles were left outside for a 30 day period between 19/03/2015 and 18/04/2015 then sent for analysis to the lab by means of evaporation and gravimetry. In light of this result Mulleady's Ltd will increase the frequency of yard sweeping / cleaning
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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](#)

Yes	
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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
No. 1 D1	Dust	19/03/15 - 18/04/15	No	350mg/m2/day	317	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.115705	
No. 1 D2	Dust	19/03/15 - 18/04/15	No	350mg/m2/day	173	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.063145	
No. 1 D3	Dust	19/03/15 - 18/04/15	No	350mg/m2/day	384	mg/m2/day	no (if no please enter details in comments box)	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.14016	Monitoring point D3 exceeded the emission limit vaule set in schedule C of the waste licence. Mulleady's Ltd will increase the frequency of yard sweeping / cleaning
No.2 D1	Dust	12/05/15 - 11/06/15	No	350mg/m2/day	135	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.049275	
No.2 D2	Dust	12/05/15 - 11/06/15	No	350mg/m2/day	99.1	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0361715	
No.2 D3	Dust	12/05/15 - 11/06/15	No	350mg/m2/day	36.9	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0134685	
No. 3 D1	Dust	28/07/15 - 27/08/15	No	350mg/m2/day	53.5	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0195275	

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No. 3 D2	Dust	28/07/15 - 27/08/15	No	350mg/m2/day	61.7	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0225205
No. 3 D3	Dust	28/07/15 - 27/08/15	No	350mg/m2/day	44.4	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.016206
No 4. D1	Dust	04/11/15 - 03/12/15	No	350mg/m2/day	61.9	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0225935
No 4. D2	Dust	04/11/15 - 03/12/15	No	350mg/m2/day	24.8	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.009052
No 4. D3	Dust	04/11/15 - 03/12/15	No	350mg/m2/day	16.3	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0059495

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

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<b>Continuous Monitoring</b>		

<p>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)</p>	No	
<p>5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below</p>	No	
<p>6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?</p>	No	
<p>7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below</p>	No	

**Table A2: Summary of average emissions -continuous monitoring**

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



<b>AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)</b>		Lic No: W0197-02	Year: 2015
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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 <b>you do not have</b> licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes In 2014 monitoring of surface water was undertaken. Monitoring of the foul water , FW1 & FW2 was not completed as dry throughout and therefore unable to be sampled, ongoing issue which the Agency is aware of. Mulleadys continued to monitor surface water on a quarterly basis as per the licence requirements and visual inspections on a daily basis.
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
			SELECT		
			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	<a href="#">External /Internal Lab Quality checklist</a> <a href="#">Assessment of results checklist</a>

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>1</sup> 2	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
SW-1	Water	Suspended Solids	discrete	19/03/2015	SELECT	50 mg/l	All values < ELV	7.5	mg/L	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.0027375	
SW-1	Water	Suspended Solids	discrete	07/05/2015		50 mg/l	All values < ELV	<2	mg/L	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	#VALUE!	
SW-1	Water	Suspended Solids	discrete	27/08/2015		50 mg/l	All values < ELV	<2	mg/L	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	#VALUE!	
SW-1	Water	Suspended Solids	discrete	19/11/2015		50 mg/l	All values < ELV	<2	mg/L	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	#VALUE!	
SW-1	Water	BOD	discrete	19/03/2015		100 mg/l	All values < ELV	3.52	mg/L	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.0012848	
SW-1	Water	BOD	discrete	07/05/2015		100 mg/l	All values < ELV	<1	mg/L	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	#VALUE!	

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SW-1	Water	BOD	discrete	27/08/2015		100 mg/l	All values < ELV	<1	mg/L	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxygen Meter on Liquids	UK SCA "Blue Book" series	Blue Book 130	#VALUE!	
SW-1	Water	BOD	discrete	19/11/2015		100 mg/l	All values < ELV	<1	mg/L	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxygen Meter on Liquids	UK SCA "Blue Book" series	Blue Book 130	#VALUE!	
SW-1	Water	Ammoniacal Nitrogen (as N)	discrete	19/03/2015			All values < ELV	0.804	mg/L	yes	Alcontrol Laboratories, TM099, Determination of Ammonium in Water Sampling using the Kone Analyser	B.S. (British Standard)	BS 2690:Part7:1968/BS 6068: Part2.11:1984	0.00029346	
SW-1	Water	Ammoniacal Nitrogen (as N)	discrete	07/05/2015			All values < ELV	0.477	mg/L	yes	Alcontrol Laboratories, TM099, Determination of Ammonium in Water Sampling using the Kone Analyser	B.S. (British Standard)	BS 2690:Part7:1968/BS 6068: Part2.11:1984	0.000174105	
SW-1	Water	Ammoniacal Nitrogen (as N)	discrete	27/08/2015			All values < ELV	0.58	mg/L	yes	Alcontrol Laboratories, TM099, Determination of Ammonium in Water Sampling using the Kone Analyser	B.S. (British Standard)	BS 2690:Part7:1968/BS 6068: Part2.11:1984	0.0002117	
SW-1	Water	Ammoniacal Nitrogen (as N)	discrete	19/11/2015			All values < ELV	0.103	mg/L	yes	Alcontrol Laboratories, TM099, Determination of Ammonium in Water Sampling using the Kone Analyser	B.S. (British Standard)	BS 2690:Part7:1968/BS 6068: Part2.11:1984	0.000037595	
SW-1	Water	COD	discrete	19/03/2015		250 mg/l	All values < ELV	12.9	mg/L	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0047085	
SW-1	Water	COD	discrete	07/05/2015		250 mg/l	All values < ELV	14	mg/L	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.00511	
SW-1	Water	COD	discrete	27/08/2015		250 mg/l	All values < ELV	11.1	mg/L	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0040515	
SW-1	Water	COD	discrete	19/11/2015		250 mg/l	All values < ELV	23.4	mg/L	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.008541	
SW-1	Water	Conductivity	discrete	19/03/2015			All values < ELV	0.687	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000250755	
SW-1	Water	Conductivity	discrete	07/05/2015			All values < ELV	0.667	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000243455	
SW-1	Water	Conductivity	discrete	27/08/2015			All values < ELV	0.619	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000225935	
SW-1	Water	Conductivity	discrete	19/11/2015			All values < ELV	0.395	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000144175	
SW-1	Water	Mineral Oils	discrete	19/03/2015			All values < ELV	67.6	µl	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		0.024674	
SW-1	Water	Mineral Oils	discrete	07/05/2015			All values < ELV	16.9	µl	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		0.0061685	

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SW-1	Water	Mineral Oils	discrete	27/08/2015			All values < ELV	<1	µ/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	Mineral Oils	discrete	19/11/2015			All values < ELV	<10	µ/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	ph	discrete	19/03/2015		6-8	All values < ELV	7.71	pH units	yes	Alcontrol Laboratories, TM256, Determination of pH in Waters and Leachate using the GLpH pH Meter	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4		0.00281415	
SW-1	Water	ph	discrete	07/05/2015		6-8	All values < ELV	8.07	pH units	yes	Alcontrol Laboratories, TM256, Determination of pH in Waters and Leachate using the GLpH pH Meter	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4		0.00294555	
SW-1	Water	ph	discrete	27/08/2015		6-8	All values < ELV	7.88	pH units	yes	Alcontrol Laboratories, TM256, Determination of pH in Waters and Leachate using the GLpH pH Meter	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4		0.0028762	
SW-1	Water	ph	discrete	19/11/2015		6-8	All values < ELV	7.55	pH units	yes	Alcontrol Laboratories, TM256, Determination of pH in Waters and Leachate using the GLpH pH Meter	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4		0.00275575	
SW-1	Water	EPH Range >C10-C40 (aq)	discrete	07/05/2015			All values < ELV	<46	µg/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	EPH Range >C10-C40 (aq)	discrete	27/08/2015			All values < ELV	<46	µg/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	EPH Range >C10-C40 (aq)	discrete	19/11/2015			All values < ELV	<46	µg/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	EPH Range >C10-C12 (aq)	discrete	27/08/2015			All values < ELV	<10	µg/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	
SW-1	Water	EPH Range >C10-C12 (aq)	discrete	19/11/2015			All values < ELV	<10	µg/l	yes	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		#VALUE!	



AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)													
						Lic No:	W0197-02		Year	2015			
SW-1	Water	TPH/Oil & Greases	discrete	07/05/2015			All values < ELV	<1	mg/L	yes	Alcontrol Laboratories, TM235, Determination of Total Petroleum Hydrocarbons (TPH) in Water by Infra-Red Spectroscopy	The Determination of Hydrocarbon Oils in Water by Solvent Extraction, Infra red Absorption and Gravimetry 1983, HMSO, London	#VALUE!
SW-1	Water	TPH/Oil & Greases	discrete	27/08/2015			All values < ELV	<1	mg/L	yes	Alcontrol Laboratories, TM235, Determination of Total Petroleum Hydrocarbons (TPH) in Water by Infra-Red Spectroscopy	The Determination of Hydrocarbon Oils in Water by Solvent Extraction, Infra red Absorption and Gravimetry 1983, HMSO, London	#VALUE!
SW-1	Water	TPH/Oil & Greases	discrete	19/11/2015			All values < ELV	<1	mg/L	yes	Alcontrol Laboratories, TM235, Determination of Total Petroleum Hydrocarbons (TPH) in Water by Infra-Red Spectroscopy	The Determination of Hydrocarbon Oils in Water by Solvent Extraction, Infra red Absorption and Gravimetry 1983, HMSO, London	#VALUE!

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

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

**Continuous monitoring**  
 5 Does your site carry out continuous emissions to water/sewer monitoring?  No  Yes

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

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below  No  Yes

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?  No  Yes

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below  No  Yes

**Table W4: Summary of average emissions -continuous monitoring**

Emission reference no:	Emission released to	Parameter/Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments			
	SELECT	SELECT		SELECT	SELECT	SELECT								
	SELECT	SELECT		SELECT	SELECT	SELECT								

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

**Table W5: Abatement system bypass reporting table**

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

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

**Bund 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
- 2 Please provide integrity testing frequency period
- 3 Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?
- 11 **Please list any sump integrity failures in table B1**
- 12 Do all sumps and chambers have high level liquid alarms?
- 13 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 14 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
SELECT	
Yes	
0	
N/A	
0	
N/A	
N/A	
N/A	
N/A	
No	
N/A	
N/A	There is no fire retention pond onsite

**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)
Petrol Interceptor (Entrance)	reinforced concrete		Waste Water	10.000m3		SELECT			SELECT	SELECT		SELECT		
Oil Interceptor	reinforced concrete		Waste Water	10.000m3										
Petrol Interceptor	reinforced concrete		Waste Water	10.000m3										
Petrol Interceptor (Manual shut off valve)	reinforced concrete		Waste Water	10.000m3		SELECT			SELECT	SELECT		SELECT		

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

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?

- 15 Are channels/transfer systems to remote containment systems tested?
- 16 Are channels/transfer systems compliant in both integrity and available volume?

[bunding and storage guidelines](#)

SELECT	
SELECT	
SELECT	

**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 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)
Mh1 (D/S) Interceptor 1	Storm	Polyvinyl Chloride (PVC)	SELECT	SELECT	CCTV	Yes	Pass				SELECT
Mh5 (U/S) Gully 5	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
Mh3 (D/S) Interceptor 3	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
Mh3 (U/S) new mh2	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
New mh2 (U/S) Interceptor 2	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
Gully 7 (U/S) gully 6	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
mh5 (D/S) Interceptor 2	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
mh5 (U/S) rw pipe	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
sw1 (U/S) rw2	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				
sw1 (D/S) sw valve	Storm	Polyvinyl Chloride (PVC)			CCTV	Yes	Pass				

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

<b>Groundwater/Soil monitoring template</b>	Lic No: W0197-02	Year: 2015
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			Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretation as an additional section in this AER  Site investigation took place in 2013 to determine if Wallaces former site activities, depollution of End of Life Vehicles, caused contamination to soil or groundwater. No contamination was found and the report was sent to the Agency. Ground Water monitoring points included GW2 GW3 GW4. Feb 4th 2015 the Agency suggested biannual monitoring of ground water.
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. <a href="#">Groundwater monitoring template.</a>	no	
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
7	Please specify the proposed time frame for the remediation strategy	N/A	
8	Is there a licence condition to carry out/update ELRA for the site?	yes	
9	Has any type of risk assessment 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	

**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
30/07/2015	BH1	Ammoniacal Nitrogen Low as NH3		Bi-annually	0.116		mg/l	65 - 175µg/l N		
30/07/2015	BH2	Ammoniacal Nitrogen Low as NH4		Bi-annually	0.0435		mg/l	65 - 175µg/l N		
30/07/2015	BH4	Ammoniacal Nitrogen Low as NH5		Bi-annually	0.159		mg/l	65 - 175µg/l N		
30/07/2015	BH1	EPH Range > C10-C12(aq)		Bi-annually	<10		µg/l			
30/07/2015	BH2	EPH Range > C10-C12(aq)		Bi-annually	<10		µg/l			
30/07/2015	BH4	EPH Range > C10-C12(aq)		Bi-annually	<10		µg/l			
30/07/2015	BH1	Electrical Conductivity		Bi-annually	0.404		S/cm	800 - 1875 µs/cm		
30/07/2015	BH2	Electrical Conductivity		Bi-annually	0.412		S/cm	800 - 1875 µs/cm		

Groundwater/Soil monitoring template			Lic No:	W0197-02	Year	2015
30/07/2015	BH4	Electrical Conductivity	Bi-annually	0.463	S/cm	800 - 1875 µs/cm
30/07/2015	BH1	Ph	Bi-annually	7.54	ph units	
30/07/2015	BH2	Ph	Bi-annually	7.24	ph units	
30/07/2015	BH4	Ph	Bi-annually	7.26	ph units	
30/07/2015	BH1	Nitrate	Bi-annually	<0.3	mg/l	37.5mg/l NO <sub>3</sub>
30/07/2015	BH2	Nitrate	Bi-annually	2.42	mg/l	37.5mg/l NO <sub>3</sub>
30/07/2015	BH4	Nitrate	Bi-annually	0.496	mg/l	37.5mg/l NO <sub>3</sub>
30/07/2015	BH1	Total Dissolved Solids	Bi-annually	268	mg/l	
30/07/2015	BH2	Total Dissolved Solids	Bi-annually	266	mg/l	
30/07/2015	BH4	Total Dissolved Solids	Bi-annually	317	mg/l	
30/07/2015	BH1	Sulphate	Bi-annually	53.7	mg/l	187.5mg/l SO <sub>4</sub>
30/07/2015	BH2	Sulphate	Bi-annually	50.2	mg/l	187.5mg/l SO <sub>4</sub>
30/07/2015	BH4	Sulphate	Bi-annually	85.5	mg/l	187.5mg/l SO <sub>4</sub>
03/12/2015	BH1	Ammoniacal Nitrogen Low as NH <sub>3</sub>	Bi-annually	0.03	mg/l	65 - 175µg/l N
19/11/2015	BH2	Ammoniacal Nitrogen Low as NH <sub>4</sub>	Bi-annually	0.0274	mg/l	65 - 175µg/l N
19/11/2015	BH4	Ammoniacal Nitrogen Low as NH <sub>5</sub>	Bi-annually	0.0423	mg/l	65 - 175µg/l N
03/12/2015	BH1	EPH Range > C10- C12(aq)	Bi-annually	<10	µg/l	
19/11/2015	BH2	EPH Range > C10- C12(aq)	Bi-annually	<10	µg/l	
19/11/2015	BH4	EPH Range > C10- C12(aq)	Bi-annually	<10	µg/l	
03/12/2015	BH1	Electrical Conductivity	Bi-annually	0.348	S/cm	800 - 1875 µs/cm
19/11/2015	BH2	Electrical Conductivity	Bi-annually	0.41	S/cm	800 - 1875 µs/cm
19/11/2015	BH4	Electrical Conductivity	Bi-annually	0.354	S/cm	800 - 1875 µs/cm
03/12/2015	BH1	Ph	Bi-annually	8.12	ph units	
19/11/2015	BH2	Ph	Bi-annually	7.69	ph units	
19/11/2015	BH4	Ph	Bi-annually	7.85	ph units	
03/12/2015	BH1	Nitrate	Bi-annually	0.763	mg/l	37.5mg/l NO <sub>3</sub>
19/11/2015	BH2	Nitrate	Bi-annually	3.43	mg/l	37.5mg/l NO <sub>3</sub>
19/11/2015	BH4	Nitrate	Bi-annually	1.49	mg/l	37.5mg/l NO <sub>3</sub>
03/12/2015	BH1	Total Dissolved Solids	Bi-annually	219	mg/l	
19/11/2015	BH2	Total Dissolved Solids	Bi-annually	259	mg/l	
19/11/2015	BH4	Total Dissolved Solids	Bi-annually	227	mg/l	
03/12/2015	BH1	Sulphate	Bi-annually	49.5	mg/l	187.5mg/l SO <sub>4</sub>
19/11/2015	BH2	Sulphate	Bi-annually	50.4	mg/l	187.5mg/l SO <sub>4</sub>
19/11/2015	BH4	Sulphate	Bi-annually	53.5	mg/l	187.5mg/l SO <sub>4</sub>

.+ 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
							SELECT			SELECT
							SELECT			SELECT

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

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

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

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

**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:

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Year

2015

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

		Commentary	
1	ELRA initial agreement status	Submitted and 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	€25,000.00	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€25,000.00	
6	Financial Provision for ELRA - type	bond	
7	Financial provision for ELRA expiry date		
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and not completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€63,750	
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	Enter expiry date	



<b>Environmental Management Programme/Continuous Improvement Programme template</b>	Lic No: W0197-02	Year 2015
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	Highlighted cells contain dropdown menu click to view	Additional Information
1	Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	No Mulleadys acquired the facility in February 2014. Environmental Management System will be completed in 2016
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	No
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	No

**Environmental Management Programme (EMP) report**

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Environmental Management Programme	Develop an Environmental Management Programme for the site outlining environmental procedures and performances	0		Environmental Manager Managing Director	Improved Environmental Management Practices and Increased compliance with licence conditions
New facility Offices	Purchase new Cabin office.	0		Managing Director	Installation of infrastructure
Signage	Monitoring points clearly visible. Civic amenity signs visible to the the public for proper segregation of recyclable materials.	100%	Original signage has been replaced. Signage required for Civic Amenity in the future will be introduced.	Managing Director	Increased compliance with licence conditions
Refurbishment of the facility	Upgrade/repairs to waste transfer building and yard.	100%	Concrete hardstand introduced at the entrance of the facility to the weighbridge. Dismantled and removed old buildings not in use. Repaired and replaced roof sheetings. Three new electric roller shutters were installed to the recycling shed. Removed large steel gates at the site entrance and replaced them with a fully automatic electric gate. Installed large precast concrete blocks along east site boundary	Managing Director	Installation of infrastructure
Additional Facility Improvements	Construction of new boundary wall on the south side of the facility	0%	Carrying out other repairs to the facility, new boundary wall to be constructed	Managing Director	Installation of infrastructure
Pest control	Eliminate any pest on the site	100%	Canor pest control in charge of pest control	Managing Director	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0197-02	Year	2015
Fire Safety	Improvements of Health and Safety onsite	100%	Installed a complete new electrical and fire alarm circuit onsite. Fire alarm installation includes a control panel, co detectors, DF3000 flame detector, input/output units, manual call points and sounders.	Managing Director	Installation of infrastructure		
CCTV	Increasing higher security and monitoring to the facility	100%	CCTV in place with external monitoring station	Managing Director	Improved Environmental Management Practices		

## Noise monitoring summary report

Lic No: W0197-02      Year

2015

1 Was noise monitoring a licence requirement for the AER period?

Yes

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?

Yes

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 <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)?
16/09/2015	13.58	N1		60.3	56.7	67.5	88.5	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and traffic movement at the site entrance.	Yes
16/09/2015	14.28	N1		64.6	58.8	73.5	84.8	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and traffic movement at the site entrance.	Yes
16/09/2015	14.58	N1		61.9	58	68.8	85.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and traffic movement at the site entrance.	Yes
16/09/2015	23.09	N1		43.6	41.2	44.2	53	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and traffic movement at the site entrance.	Yes
16/09/2015	23.39	N1		43.2	42.7	43.4	57.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and traffic movement at the site entrance.	Yes
16/09/2015	14.38	N2	NSL	57	51.2	59.2	80.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to traffic noise in the surrounding industrial industrial estate	Yes
16/09/2015	15.08	N2	NSL	55.2	49.4	58.7	74.7	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to traffic noise in the surrounding industrial industrial estate	Yes
16/09/2015	15.38	N2	NSL	56.1	51.1	60.2	75.4	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to traffic noise in the surrounding industrial industrial estate	Yes

17/09/2015	0.06	N2	NSL	45.4	43.6	49.8	61.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to traffic noise in the surrounding industrial industrial estate	Yes
17/09/2015	0.36	N2	NSL	46.7	44.2	48.6	56.8	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to traffic noise in the surrounding industrial industrial estate	Yes
16/09/2015	16.15	N3		61.4	54.3	64.7	82.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and external equipment.	Yes
16/09/2015	16.45	N3		63.6	53.7	66.5	80.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and external equipment.	Yes
16/09/2015	17.15	N3		62.0	54.1	63.2	82.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and external equipment.	Yes
16/09/2015	1.20	N3		39.6	38.8	44.6	56.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and external equipment.	Yes
16/09/2015	1.50	N3		41.3	40.2	45.8	60.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Noise level was attributed to the processing plant within the transfer station and external equipment.	Yes

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

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

SELECT

** please explain the reason for not taking action/resolution of noise issues?
Any additional comments? (less than 200 words)

## Resource Usage/Energy efficiency summary

Lic No:

W0197-02

Year

2015

- 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

## Additional information

N/A	
No	
N/A	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	13.2	14.1	0.068181818	
Total Energy Generated (MWHrs)	N/A	N/A	N/A	
Total Renewable Energy Generated (MWHrs)	N/A	N/A	N/A	
Electricity Consumption (MWHrs)	13.2	14.1	0.068181818	
Fossil Fuels Consumption:	N/A	N/A	N/A	N/A
Heavy Fuel Oil (m3)	N/A	N/A	N/A	N/A
Light Fuel Oil (m3)	N/A	N/A	N/A	N/A
Natural gas (m3)	N/A	N/A	N/A	N/A
Coal/Solid fuel (metric tonnes)	N/A	N/A	N/A	N/A
Peat (metric tonnes)	N/A	N/A	N/A	N/A
Renewable Biomass	N/A	N/A	N/A	N/A
Renewable energy generated on site	N/A	N/A	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

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*	Water Emissions		Water Consumption	
					Volume Discharged back to environment(m <sup>3</sup> /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:	
Groundwater								
Surface water								
Public supply	136	142	0.044117647	N/A	N/A	N/A	N/A	N/A
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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)	8572.192	4403.16	1866.2	2287.592	15.24

**Resource Usage/Energy efficiency summary** Lic No: W0197-02 Year 2015

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:	W0197-02	Year	2015
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES			PRTR facility logon	dropdown list click to see options	

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

Additional Information

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

Yes	
-----	--

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

No	
----	--

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

No	
----	--

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted <b>Please enter an accurate and detailed description - which applies to relevant EWC code</b> <a href="#">European Waste Catalogue EWC codes</a>	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments
	17 01 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C&D Concrete	58.52	55.32	6%		0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12		
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard	126.92	36.4	249%	Mullingar Recycling Resource Centre Ltd started to bring in Cardbord from their commercial customers around Mullingar town in 2015.	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hard Plastic	3.18	3.7	-14%		33%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Household Black Bin Waste)	4691.64	5284.56	-11%	Reduction in Household black bin waste due Oxigen Environmental and Allied Waste no longer bringing in their waste into the facility	0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12		
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Civic Amenity)	1086.32	520.925	109%	Increase in customers using the Civic Amenity centre	0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12		
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Dry Recyclables (Household Blue Bins)	1130.6	808.34	40%	Increase in Allied Waste and AES bringing in their recyclables	38%	R5-Recycling/reclamation or other inorganic materials which includes soil celaning resulting in recovery of the soil and recycling of inorganic construction materials		
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Dry Recyclables (Civic Amenity)	86.58	36.82	135%	Increase in customers using the Civic Amenity centre	38%	R5-Recycling/reclamation or other inorganic materials which includes soil celaning resulting in recovery of the soil and recycling of inorganic construction materials		



WASTE SUMMARY		Lic No:		WD197-02		Year		2015	
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Commercial)	495.48	481.3	3%		0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Domestic)	656.1	429.1	53%	Increased demand for Skips. Householders bringing in unwanted bulky items	0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Green Waste	13.58	3.44	295%	Increase in customers bringing in Garden Waste	0%	D15-Storage pending any of the operations numbered D1 to D14
	20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Glass Bottles/Jars	295.74	1.24	23750%	Mullingar Recycling Resource Centre Ltd bringing in glass from their commercial customers around Mullingar town and also from bottle banks .	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	16 01 20	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Windscreen Glass	3.36	0	#DIV/0!		0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17 02 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C&D Glass	1.56	0.76	105%		0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Timber	52.24	42.465	23%		0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Plasterboard	2.28	0.32	613%		0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12
	02 01 40	02-WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Farm Plastic	7.42	0	#DIV/0!		0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12
	20 01 10	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textile	2.16	0.04	5300%	Increase in customers using the Civic Amenity centre	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE	26.84	6.44	317%	Increase in customers using the Civic Amenity centre	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	16 06 01	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Lead Acid Batteries	17.08	27.86	-39%	Decrease in money value for Lead Acid Batteries	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metal	124.42	187.591	-34%	Decrease in money value for Metal	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)



<b>WASTE SUMMARY</b>	Lic No:	W0197-02	Year	2015
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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 S53(A)(5) of WMA been submitted in reporting year	Comments

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

**Table 5 Capping-Landfill only**

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

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

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

SELECT

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

SELECT

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

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

**Table 7 Landfill Gas-Landfill only**

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



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[Guidance to completing the PRTR workbook](#)

# PRTR Returns Workbook

Version 1.1.19

<b>REFERENCE YEAR</b>	2015
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Mulleady's Limited
Facility Name	Mulleady's Limited (Mullingar)
PRTR Identification Number	W0197
Licence Number	W0197-02

### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Units 16-17 Mullingar Business Park
Address 2	Mullingar
Address 3	
Address 4	
	Westmeath
Country	Ireland
Coordinates of Location	-9.17642 54.1592
River Basin District	IEGBNISH
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
<b>AER Returns Contact Name</b>	Martina McPhillips
<b>AER Returns Contact Email Address</b>	m.mcphillips@mulleadays.com
<b>AER Returns Contact Position</b>	Environmental Officer
<b>AER Returns Contact Telephone Number</b>	043 3324128
<b>AER Returns Contact Mobile Phone Number</b>	
<b>AER Returns Contact Fax Number</b>	043 3324731
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	4
<b>User Feedback/Comments</b>	
<b>Web Address</b>	www.mulleadays.com

## 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
5(c)	Installations for the disposal of non-hazardous waste
50.1	General

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

Is it applicable?	
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

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

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
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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			Please enter all quantities in this section in KGs			
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			Please enter all quantities in this section in KGs			
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			Please enter all quantities in this section in KGs			
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:	Mulleady's Limited (Mullingar)				
Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
	Total estimated methane generation (as per site model)	0.0			N/A
	Methane flared	0.0			0.0 (Total Flaring Capacity)
	Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
	Net methane emission (as reported in Section A above)	0.0			N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0197 | Facility Name : Mulleady's Limited (Mullingar) | Filename : PRTR\_W0197\_2015.xls | Return Year : 2015 |

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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

\* 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
					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# : W0197 | Facility Name : Mulleady's Limited (Mullingar) | Filename : PRTR\_W0197\_2015.1

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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 Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

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

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



4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0197 | Facility Name : Mulleady's Limited (Mullingar) | Filename : PRTR\_W0197\_2015.xls | Return Year : 2015 |

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SECTION A : PRTR POLLUTANTS

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

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

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

RELEASES TO LAND				Please enter all quantities in this section in KGs			
POLLUTANT		METHOD		QUANTITY			
Pollutant No.	Name	M/C/E	Method Used 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

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Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz.Waste : Name and Licence/Permit No of Next Destination Facility Non Haz.Waste: Name and Licence/Permit No of Recoverer/Disposer	Haz.Waste : Address of Next Destination Facility Non Haz.Waste: Address of Recoverer/Disposer	Name and License / Permit No. and Address of Final Recoverer/ Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 01	No	0.0	paper and cardboard packaging	R5	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	16 01 03	No	4.94	end-of-life tyres	R13	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	16 06 01	Yes	16.58	lead batteries	R4	M	Weighted	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland	Wilton Waste,WFP-CN-10-0005-01(1),Kiffagh,Crosserlough,B allyjamesduff,Co. Cavan,Ireland	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland
Within the Country	20 02 01	No	15.24	biodegradable waste mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R3	M	Weighted	Offsite in Ireland	Enrich Environmental ,WFP/MH08/0004/02	Hill,Newtownrathganiley Killocock,Co. Meath,...Ireland		
<b>Within the Country</b>	<b>17 01 07</b>	<b>No</b>	<b>0.0</b>	<b>01 06</b>	<b>R12</b>	<b>M</b>	<b>Weighted</b>	<b>Offsite in Ireland</b>	<b>AES Environmental,W0104-01</b>	<b>Tullamore,Co. Offaly,...Ireland</b>	<b>KMK Metals Recycling Limited,W0113-04,Cappincur Industrial Estate,Daingean Rd,Tullamore,Co. Offaly,Ireland</b>	<b>Cappincur Industrial Estate,Daingean Rd,Tullamore,Co. Offaly,Ireland</b>
Within the Country	20 01 21	Yes	0.12	fluorescent tubes and other mercury-containing waste	R4	M	Weighted	Offsite in Ireland	KMK Metal Recycling,W0113-03	Cappincur Industrial Road,Tullamore Co.Offaly,Ireland	KMK Metals Recycling Limited,W0113-04,Cappincur Industrial Estate,Daingean Rd,Tullamore,Co. Offaly,Ireland	Cappincur Industrial Estate,Daingean Rd,Tullamore,Co. Offaly,Ireland
Within the Country	16 01 20	No	5.44	glass	R5	M	Weighted	Offsite in Ireland	John Gannon Concrete,WFP- WM-2009-0007-01	Kilbeggan,...Co.Westmeath ,Ireland		
Within the Country	17 02 01	No	163.24	wood	R3	M	Weighted	Offsite in Ireland	Conroy Recycling Ltd,WFP- WH-2009-0002-01	Slanebeg,Mullingar,...Co.Wes tmeath,Ireland		
Within the Country	20 01 02	No	4.48	glass	R5	M	Weighted	Offsite in Ireland	John Gannon Concrete,WFP- WM-2009-0007-01	Kilbeggan,...Co.Westmeath ,Ireland		
Within the Country	17 02 02	No	4.44	glass	R13	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	17 04 01	No	0.9	Copper	R4	M	Weighted	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	17 04 02	No	1.14	aluminium	R4	M	Weighted	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	20 01 11	No	1.18	textiles	R5	M	Weighted	Offsite in Ireland	Textile Recycling,WPRO14/2	Dublin 24,Ireland	Complex,Belgard,Tallaght ,Dublin 24,Ireland	Cappincur Industrial Estate,Daingean
Within the Country	20 01 36	No	28.0	WEEE	R4	M	Weighted	Offsite in Ireland	KMK Metal Recycling,W0113-03	Road,Tullamore ,Co.Offaly,Ireland		
Within the Country	20 01 39	No	17.7	plastics	R5	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	20 01 40	No	195.372	metals	R4	M	Weighted	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	20 01 02	No	274.92	glass	R13	M	Weighted	Offsite in Ireland	Mullingar Recycling Resources Centre Limited, ..	Resources Centre Centre Limited,Co. Westmeath,Ireland	Resources Centre Centre Limited,Co. Westmeath,Ireland	
Within the Country	20 03 01	No	1861.74	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental,W0152-03	Road,Ballymount,Dublin 22,Ireland		
Within the Country	20 03 01	No	1866.2	mixed municipal waste	R1	M	Weighted	Offsite in Ireland	Indaver Ireland,W0167-02	Carranstown,...Duleek,Co. Meath,Ireland		
Within the Country	20 03 01	No	1276.44	mixed municipal waste	D1	M	Weighted	Offsite in Ireland	Drehid Landfill,W0201-03	Killinagh Upper,Carbury,...Co. Kildare,Ireland		
Within the Country	20 03 01	No	1447.36	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	20 03 01	No	458.86	mixed municipal waste	D12	M	Weighted	Offsite in Ireland	AES Environmental,W0104-01	Tullamore,Co. Offaly,...Ireland		
Within the Country	20 03 01	No	806.12	mixed municipal waste	R12	M	Weighted	Offsite in Ireland	Mulleadys Waste,W0169-01	Cloonaugh,Drumlish,...Co.Lo		
Within the Country	20 03 01	No	121.78	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Dublin City Council ,Material Recovery Facility (Operated by Nurendale),W0238-01	Merrywell ,Ballymount Road Lower,Dublin 22,...Ireland		

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

[Link to previous years waste data](#)  
[Link to previous years waste summary data & percentage change](#)  
[Link to Waste Guidance](#)