

# Annual Environmental Report

Feb 2014 – Dec2014

# 2014

**MULLEADY'S LTD**

**Waste Management**

Cloonaugh, Drumlish, Co. Longford, Eire

Tel: 043 3324128 Fax.: 043 3324731

**EPA Licence: W0197-02**

**(Unit 16-17, Mullingar Business  
Park, Mullingar, Co. Westmeath)**

**Facility Information Summary**


AER Reporting Year	2014
Licence Register Number	WO197-02
Name of site	Mulleadys Ltd 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. The 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.

	27/03/2015
Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

**AIR-summary template** Lic No: WO197-02 Year 2014

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 three 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.

**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 Table A1 below

No

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

Yes

**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
D1	Dust	26/06/2014 - 25/07/2014	No	350 mg/m2/day	59.2	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.021608	
D2	Dust	26/06/2014 - 25/07/2014	No	350 mg/m2/day	32.2	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.011753	
D3	Dust	26/06/2014 - 25/07/2014	No	350 mg/m2/day	14.9	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0054385	
D1	Dust	04/11/2014 - 03/12/2014	No	350 mg/m2/day	9.36	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0034164	
D2	Dust	04/11/2014 - 03/12/2014	No	350 mg/m2/day	12.3	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0044895	
D3	Dust	04/11/2014 - 03/12/2014	No	350 mg/m2/day	2.46	mg/m2/day	yes	Dust is collected using a jam jar collector, Bergerhoff method. Determination of Dust	0.0008979	

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

<b>AIR-summary template</b>	Lic No: WO197-02	Year	2014
<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 thereof								
	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



Additional information	
<p>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</p>	<p>In 2014 monitoring of surface water was undertaken. Monitoring of the foul water, FW1 &amp; 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.</p>
<p>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></p>	<p>Yes</p>

**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)**

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

**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>Note 2</sup>	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	30/06/2014			All values < ELV	<2	mg/l	SELECT	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	30/09/2014			All values < ELV	2	mg/l	SELECT	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.00073	
SW - 1	Water	Suspended Solids	discrete	12/12/2014			All values < ELV	27	mg/l	SELECT	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.009855	
SW - 1	Water	BOD	discrete	30/06/2014			All values < ELV	<1	mg/l	SELECT	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	#VALUE!	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)					Lic No:	WO197-02	Year	2014							
SW - 1	Water	BOD	discrete	30/09/2014			All values < ELV	<1	mg/l		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	12/12/2014			All values < ELV	7.63	mg/l		Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxygen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.00278495	
SW - 1	Water	Ammoniacal Nitrogen (as N)	discrete	30/06/2014			All values < ELV	0.94	mg/l		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	0.0003431	
SW - 1	Water	Ammoniacal Nitrogen (as N)	discrete	30/09/2014			All values < ELV	2.64	mg/l		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	0.0009636	
SW - 1	Water	Ammoniacal Nitrogen (as N)	discrete	12/12/2014			All values < ELV	1.04	mg/l		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	0.0003796	
SW - 1	Water	COD	discrete	30/06/2014			All values < ELV	<7	mg/l		Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	#VALUE!	
SW - 1	Water	COD	discrete	30/09/2014			All values < ELV	8.99	mg/l		Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.00328135	
SW - 1	Water	COD	discrete	12/12/2014			All values < ELV	51.7	mg/l		Alcontrol Laboratories, TM 107, Determination of Chemical Oxygen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0188705	
SW - 1	Water	Conductivity	discrete	30/06/2014			All values < ELV	0.557	mS/cm		Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000203305	
SW - 1	Water	Conductivity	discrete	30/09/2014			All values < ELV	0.379	mS/cm		Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.000138335	
SW - 1	Water	Conductivity	discrete	12/12/2014			All values < ELV	0.52	mS/cm		Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.0001898	
SW - 1	Water	Mineral Oils	discrete	30/06/2014			All values < ELV	<10	µ/l		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:	WO197-02	Year	2014			
SW - 1	Water	Mineral Oils	discrete	30/09/2014		All values < ELV	<10	µ/l	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria	#VALUE!
SW - 1	Water	Mineral Oils	discrete	12/12/2014		All values < ELV	404	µ/l	Alcontrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria	0.14746
SW - 1	Water	PH	discrete	30/06/2014		All values < ELV	8.41	ph Units	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	0.00306965
SW - 1	Water	PH	discrete	30/09/2014		All values < ELV	8.28	ph Units	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	0.0030222
SW - 1	Water	PH	discrete	12/12/2014		All values < ELV	8.23	ph Units	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	0.00300395

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?

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
	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

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)

2 Please provide integrity testing frequency period  
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?

**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?

Additional information	
Yes	
3 years	
Yes	
0	
NA	
0	
NA	
0	
No	
N/A	
N/A	There is no Fire Water Retention Pond onsite

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				test will be carried out in 2015	SELECT			SELECT		
Oil Interceptor	reinforced concrete		Waste Water	10.000m3				test will be carried out in 2015						
Petrol Interceptor	reinforced concrete		Waste Water	10.000m3										
Petrol Interceptor (Manual shut off valve)	reinforced concrete		Waste Water	10.000m3				test will be carried out in 2015	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?  
17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary	
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

1 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	

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
Mh1 (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: WO197-02	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
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)	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

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 report was sent to the Agency. Ground Water monitoring points include GW2 GW3 GW4. Feb 4th 2015 the Agency suggested biannual monitoring of ground water, this will continue here on in.

**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
15/09/2014	GW 2	Ammoniacal Nitrogen as NH3		Biannually	0.391		mg/l			SELECT
15/09/2014	GW 3	Ammoniacal Nitrogen as NH3		Biannually	0.328		mg/l			
15/09/2014	GW 4	Ammoniacal Nitrogen as NH3		Biannually	<0.2		mg/l			
15/09/2014	GW 2	EPH Range >C10 - C40 (aq)		Biannually	<46		ug/l			
15/09/2014	GW 3	EPH Range >C10 - C40 (aq)		Biannually	<46		ug/l			
15/09/2014	GW 4	EPH Range >C10 - C40 (aq)		Biannually	86.9		ug/l			SELECT

+. where average indicates arithmetic mean

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

**Table 2: Downgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							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](#)  
[Surface water EQS](#) [GTV's](#) [Drinking water \(public supply\) standards](#)

**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 Management Programme/Continuous Improvement Programme template		Lic No:	WO197-02	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	No	Mulleadys acquired the facility in February 2014. Enviromental Management System will be completed in early 2015		
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 visable. Civic amenity signs visible to the the public for proper segregation of recyclable materials.	50	Most of the orginal signage has been replaced. More signage is required for Civic Amenity area	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 will be constructed in 2015	Managing Director	Installation of infrastructure
Pest control	Eliminate any pest on the site	100%	Carnor pest control in charge of pest control	Managing Director	Increased compliance with licence conditions
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: WO197-02

Year

2014

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?

Noise  
Guidance  
note NG4

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?

Yes

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>req</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 site compliant with noise limits (day/evening/night)?
02/12/2014	14:00	N 1		69.9	59.4	72.1	89.1	SELECT	SELECT		Yes
02/12/2014	14:30	N 1		57.8	44.2	59.7	83.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	15:00	N 1		59.8	45.1	56.7	78.9	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	22:00	N 1		43.1	38.7	45.7	51.9	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	22:30	N 1		42.7	36.4	45.8	56.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	14:00	N 2		60.8	51.8	64	79.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	14:30	N2		66.1	52.4	63.7	102.4	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	15:00	N2		49.4	44.8	51.5	73.5	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	23:30	N2		39.7	33.5	42.7	52.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	00:00	N2		38.1	30.4	41.8	51.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	10:03	N3		57.6	43.4	55.4	82	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	11:00	N3		58.2	45.2	61.6	82.4	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	11:30	N3		48.7	42.6	50.4	68.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	01:30	N3		30.4	25.9	32.7	45.6	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	02:00	N3		30.3	25.6	32.8	44.5	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	16:00	N4		60.7	52.9	64.9	82.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	16:30	N4		64.5	52	66.1	82.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes

02/12/2014	17:00	N4		62.1	51.1	61.9	82.9	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	03:00	N4		32.9	26.7	35.1	49.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	03:30	N4		33.9	29.9	36.2	47.5	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	17:30	N5		50.9	47.7	52.3	81.4	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	18:00	N5		50	47.8	52	59.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	18:30	N5		50.2	47.6	51.9	69.9	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	05:00	N5		39.4	30.5	42.2	58.5	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	05:30	N5		46.7	35.5	48.7	71.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	16:00	N6		54.2	48	53.1	74.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	16:30	N6		58.7	50.3	59.3	80.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	17:00	N6		58.1	50	58.8	78.3	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	01:00	N6		31.3	27.7	33.7	41.8	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	01:30	N6		30.2	26.2	32.7	48.8	No	No audible tonal or impulsive component in the noise at any of the monitoring points		Yes
02/12/2014	09:30	N7		44.8	40.4	47.1	62.2	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Main noise is due to the level of interference from traffic movement in the vicinity of this monitoring point	Yes
02/12/2014	10:00	N7		43.1	39.7	44.9	56	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Main noise is due to the level of interference from traffic movement in the vicinity of this monitoring point	Yes
02/12/2014	10:30	N7	NSL	47.8	40.6	48.3	76	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Main noise is due to the level of interference from traffic movement in the vicinity of this monitoring point	Yes
02/12/2014	04:00	N7	NSL	39.3	32.6	42.8	55.8	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Main noise is due to the level of interference from traffic movement in the vicinity of this monitoring point	Yes
02/12/2014	04:30	N7	NSL	38.2	29.3	42.1	53.1	No	No audible tonal or impulsive component in the noise at any of the monitoring points	Main noise is due to the level of interference from traffic movement in the vicinity of this monitoring point	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)

- 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	
NA	
No	
NA	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	19.5	13.2	-0.323076923	
Total Energy Generated (MWHrs)	NA	NA	NA	NA
Total Renewable Energy Generated (MWHrs)	NA	NA	NA	NA
Electricity Consumption (MWHrs)	19.5	13.2	-0.323076923	
Fossil Fuels Consumption:	NA	NA	NA	NA
Heavy Fuel Oil (m3)	NA	NA	NA	NA
Light Fuel Oil (m3)	NA	NA	NA	NA
Natural gas (m3)	NA	NA	NA	NA
Coal/Solid fuel (metric tonnes)	NA	NA	NA	NA
Peat (metric tonnes)	NA	NA	NA	NA
Renewable Biomass	NA	NA	NA	NA
Renewable energy generated on site	NA	NA	NA	NA


\* 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		Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Water Emissions		Water Consumption	
	Previous year m3/yr.	Current year m3/yr.			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	120	136	0.133333333	NA	NA	NA	NA	NA
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)	8246.8	657.14	1046.58	1472.86	5070.22



**Resource Usage/Energy efficiency summary** Lic No: WO197-02 Year 2014

Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

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

	Unit 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					



<b>WASTE SUMMARY</b>	Lic No:	WO197-02	Year	2014
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>		<a href="#">PRTR facility logon</a>	dropdown list click to see options	

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

Additional Information

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

Yes	
-----	--

If yes please enter details in table 1 below

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

No	
----	--

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

No	
----	--

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	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 -
	<a href="#">European Waste Catalogue EWC codes</a>		<a href="#">European Waste Catalogue EWC codes</a>								
	170101	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Concrete	55.32	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	150101	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard	36.4	NA			100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.

WASTE SUMMARY		Lic No:		WO197-02		Year		2014		
	200101	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Paper	0.32	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200139	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hard Plastic	3.7	NA			49%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200301	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Household Waste, Black Bin Waste)	5284.56	NA			NA	D14-Repackaging prior to submission to any of the operations numbered D1 to D13	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200301	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Dry Recyclables(Household, Blue Bin)	808.34	NA			38%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.

WASTE SUMMARY		Lic No:		W0197-02		Year		2014		
	200301	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Dry Recyclables (Civic Amenity)	36.82	NA			38%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200301	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Civic Amenity)	520.925	NA			NA	D14-Repackaging prior to submission to any of the operations numbered D1 to D13	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200307	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Skip Waste (Commercial)	481.3	NA			NA	D14-Repackaging prior to submission to any of the operations numbered D1 to D13	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	200307	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Skip Waste (Domestic)	429.1	NA			NA	D14-Repackaging prior to submission to any of the operations numbered D1 to D13	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	20.02.01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable waste (Green Waste)	3.44	NA			NA	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.

WASTE SUMMARY		Lic No:		WO197-02		Year		2014		
	20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Glass Bottles Jars (Civic Amenity)	1.24	NA			100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre- processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	17 02 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Broken glass coming from construction sites	0.76	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre- processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Timber	42.465	NA			NA	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre- processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Plasterboard	0.32	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre- processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.

WASTE SUMMARY		Lic No:		WO197-02		Year		2014		
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Film	6.52	NA			100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textile	0.04	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE	6.44	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	16 06 01*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Lead Acid Batteries	27.86	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.

WASTE SUMMARY		Lic No:		WO197-02		Year		2014		
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metal	187.591	NA			40%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	17 04 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Aluminium from construction sites	0.08	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Copper coming from construction sites.	0.64	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	End of life tyres	0.39	NA			0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Mulleady's Ltd took over Facility in February 2014 therefore there are No previous year waste accepted data available.
	20 01 21*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Fluorescent Tubes	0.12	NA			0%	R12-Exchange of waste for submission to any of the	Mulleady's Ltd took over





<b>WASTE SUMMARY</b>	Lic No:	WO197-02	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 S53(A)(5) of WMA been submitted in reporting year	Comments

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

**Table 5 Capping-Landfill only**

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

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

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

SELECT

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

SELECT

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

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

**Table 7 Landfill Gas-Landfill only**

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



| PRTR# : W0197 | Facility Name : Mulleady's Limited (Mullingar) | Filename :  
Outgoing waste\_12m\_sum\_2014.xls | Return Year : 2014 |

25/03/2015 15:34

[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.18

<b>REFERENCE YEAR</b>	2014
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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 14-17 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>	Ludmila Gabrisova
<b>AER Returns Contact Email Address</b>	Lu@mulleadys.com
<b>AER Returns Contact Position</b>	Environmental Manager
<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>	3
<b>User Feedback/Comments</b>	
<b>Web Address</b>	www.mulleadys.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) ?	Yes
--	-----

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0197 | Facility Name : Muleady's Limited (Mullingar) | Filename : W0197\_2014.xls | Return Year : 2014 |

25/03/2015 15:36

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:	Muleady'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 : W0197\_2014.xls | Return Year : 2014 |

25/03/2015 15:36

**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 : W0197\_2014.xls | Ret

25/03/2015 15:36

**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 : W0197\_2014.xls | Return Year : 2014 |

25/03/2015 15:36

SECTION A : PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs		
RELEASERS TO LAND		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		METHOD			Please enter all quantities in this section in KGs		
RELEASERS TO LAND		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# : W0197 | Facility Name : Mulleady's Limited (Mullingar) | Filename : W0197\_2014.xls | Return Year : 2014 |

25/03/2015 15:36

Please enter all quantities on this sheet in Tonnes

33

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	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer		
Within the Country	15 01 01	No	7.34	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	16 01 03	No	4.88	end-of-life tyres	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	16 06 01	Yes	13.02	lead batteries	R4	M	Weighed	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-5-01(1)		Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland
Within the Country	17 02 02	No	3.34	glass	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01 John Gannon Concrete,WFP-WM-2009-0007-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland Hazelwood ,Kilbeggan,,Co.Westmeath ,Ireland	
Within the Country	17 01 07	No	94.08	mixed c&d materials	R12	M	Weighed	Offsite in Ireland			Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	17 02 01	No	45.26	wood	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01 Conroy Recycling Ltd,WFP- WH-2009-0002-01		Slanebeg,Mullingar,,Co.We stmeath,Ireland	
Within the Country	17 02 01	No	81.12	wood	R3	M	Weighed	Offsite in Ireland	OCR Waste Management Ltd,WFP-RN10-0001-01		Office 2,,Roxborough,Co. Roscommon,Ireland	
Within the Country	17 02 01	No	10.78	wood	R3	M	Weighed	Offsite in Ireland			Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	20 01 39	No	21.08	plastics	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	17 04 01	No	1.24	Copper	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	17 04 02	No	1.74	aluminium	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	20 01 40	No	266.02	metals	R4	M	Weighed	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-5-01(1)		Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland	
Within the Country	20 01 40	No	16.36	metals	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	20 03 01	No	1433.26	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Oxigen Environmental,W0152-03		Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	
Within the Country	20 03 01	No	1046.58	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02		Carranstown,,Duleek,Co. Meath,Ireland Glen abbey	
Within the Country	20 01 11	No	1.14	textiles	R4	M	Weighed	Offsite in Ireland	Textile Recycling,WPR014/2		Complex,Belgard,Tallaght ,Dublin 24,Ireland	
Within the Country	20 01 36	No	19.9	WEEE	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling,W0113-03		Cappincur Industrial Estate,Daingean Road,Tullamore ,Co.Offaly,Ireland Killinagh	
Within the Country	20 03 01	No	657.14	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Drehid Landfill,W0201-03		Upper,Carbury,,Co. Kildare,Ireland	
Within the Country	20 03 01	No	2798.46	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	20 03 01	No	19.12	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	AES Environmental,W0104-01		Tullamore,Co. Offaly,,Ireland	
Within the Country	20 03 01	No	1105.9	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,Ireland	
Within the Country	20 03 01	No	557.38	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	AES Environmental,W0104-01		Tullamore,Co. Offaly,,Ireland	



Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination Facility	Non-Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility	Non-Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used							
Within the Country	17 01 07	No	18.74	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R12	M	Weighed	Offsite in Ireland	AES Environmental,W0104-01		Tullamore,Co. Offaly,,Ireland			
Within the Country	17 01 07	No	22.92	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R12	M	Weighed	Offsite in Ireland	Mulleadys Waste,W0169-01		Cloonaugh,Drumlish,,Co.Lo ngford,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](#)