



Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0258-01
Name of site	Murray Waste Recycling Ltd
Site Location	Coolatore, Ferns, Enniscorthy, Co. Wexford
NACE Code	3832
Class/Classes of Activity	D13, D14, D15, R3, R4, R5, R11, R12, R13
National Grid Reference (6E, 6 N)	-6.46655 52.5792
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.	<p>Murray Waste Recycling is licensed to accept 24,500 tonnes per annum of waste including mixed dry recyclables, recyclables, segregated municipal biowaste, municipal solid waste and construction & demolition waste. The Quantities Accepted in 2012 were estimated to be as follows:</p> <p>Mixed Dry Recyclables 3000 Source Separated Recyclables 800 Source Separated bio-waste 1400 Municipal Solid Waste 10000 Construction & Demolition Waste 6300 Estimated Total 21,500. The over all tonnage, when compared to 2012 was circa 20,000 tonnes. The facility was extended over the past three years and is now nearing completion. The first EPA audit of the facility was conducted in February 2013 and a total of four non compliances noted, namely</p> <ul style="list-style-type: none"> • Non-compliance with Condition 6.19.13 of the waste licence 258-01 in relation to the odour assessment report at the facility. • Non-compliance with Condition 3.22.1 of the waste licence in relation to a report on the firewater risk assessment for the facility. This is now completed and submitted to the Agency. • Non-compliance with Condition 3.10.1 of the waste licence in relation to the storing of waste on permeable areas. This has now been addressed • Non-compliance with Condition 3.9.2 of the waste licence in relation to the installation of a wash down tank. This will be addressed in 2014. <p>These non-compliances are currently being addressed with the Agency. It is noted that there were no exceedances in relation to air, water or noise at the facility in 2012.</p>

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

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

AIR-summary template					Lic No:	W0258-01	Year	2013		
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 <u>do not</u> need to complete the tables				No					
Periodic/Non-Continuous Monitoring										
2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below				SELECT					
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?		Basic air monitoring checklist	AGN2	SELECT					
Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)										
Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
Note 1: Volumetric flow shall be included as a reportable parameter										
Continuous Monitoring										
4	Does your site carry out continuous air emissions monitoring?				SELECT					
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)									

AIR-summary template					Lic No:	W0258-01		Year	2013		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below				SELECT						
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?				SELECT						
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below				SELECT						
Table A2: Summary of average emissions -continuous monitoring											
	Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
		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										
Solvent use and management on site											
8	Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5							SELECT			

AIR-summary template			Lic No: W0258-01		Year: 2013		
Table A4: Solvent Management Plan Summary			Solvent regulations		Please refer to linked solvent regulations to complete table 5 and 6		
Total VOC Emission limit value							
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance		
					SELECT		
					SELECT		
Table A5: Solvent Mass Balance summary							
	(I) Inputs (kg)	(O) Outputs (kg)					
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by- onsite through	Total emission of Solvent to air (kg)
							Total

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)											Lic No:	W0258-01	Year	2013	
Additional information															
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections										No				
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising <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					
SW3	downstream	COD	COD	Feb-13	40	All values < ELV	<7	mg/L	yes						
SW3	downstream	Suspended Solids	Suspended Solids	Feb-13	35	All values < ELV	<10	mg/L	yes						
SW3	downstream	COD	COD	May-13	40	All values < ELV	18	mg/L	yes						
SW3	downstream	Suspended Solids	Suspended Solids	May-13	35	All values < ELV	<10	mg/L	yes						
SW3	downstream	COD	COD	Dec-13	40	All values < ELV	20	mg/L	yes						
SW3	downstream	Suspended Solids	Suspended Solids	Dec-13	35	All values < ELV	<10	mg/L	yes	3 no. of 4 no. quarters completed as stream was dry due to prolonged sunny period					
*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	Additional information			
		External /Internal Lab Quality checklist				Assessment of results checklist									
Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)															
Emission reference no:	Emission released to	Parameter/ Substance ^{Note 1}	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
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	Additional Information			
	If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)														
6	Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below										SELECT				
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?										SELECT				

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)												Lic No:	W0258-01	Year	2013						
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below												SELECT									
Table W4: Summary of average emissions -continuous monitoring																					
Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments										
	SELECT	SELECT		SELECT	SELECT	SELECT															
	SELECT	SELECT		SELECT	SELECT	SELECT															
note 1: Volumetric flow shall be included as a reportable parameter.																					
Table W5: Abatement system bypass reporting table																					
Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?														
						SELECT															
*Measures taken or proposed to reduce or limit bypass frequency																					

Bund/Pipeline testing template										Lic No: W0258-01		Year: 2013		
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)										Yes		Bund Report completed Nov-12		
1 Please provide integrity testing frequency period										3 years				
2 Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)										No				
3 How many bunds are on site?										1				
4 How many of these bunds have been tested within the required test schedule?										1				
5 How many mobile bunds are on site?										No				
6 Are the mobile bunds included in the bund test schedule?										No				
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?														
10 Please list any sump integrity failures in table B1														
11 Do all sumps and chambers have high level liquid alarms?										No				
12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?										N/A				
13 Is the Fire Water Retention Pond included in your integrity test programme?										N/A				
Table B1: Summary details of bund /containment structure integrity test														
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)
Diesel bund	reinforced concrete			48,000 litres	11,000 Litres	Structural assessment		Nov-12	Yes	Pass		SELECT	Nov-15	
	SELECT					SELECT			SELECT	SELECT		SELECT		
* Capacity required should comply with 25% or 110% containment rule as detailed in your licence														
15 Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?										Yes		Commentary		
16 Are channels/transfer systems to remote containment systems tested?														
17 Are channels/transfer systems compliant in both integrity and available volume?														
Pipeline/underground structure testing														
Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all 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										Yes		Test not yet completed of the underground pipelines		
2 Please provide integrity testing frequency period										3 years				
*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)														
Table B2: Summary details of pipeline/underground structures integrity test														
Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)			
Storm Water	Storm	pvc	No	SELECT	SELECT	No	SELECT				SELECT			
Foul Water	Foul	pvc	No			No								
Please use commentary for additional details not answered by tables/ questions above														

Groundwater/Soil monitoring template				Lic No:	W0258-01	Year	2013
				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			yes	Toilets and canteen water		
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.			Groundwater monitoring template	no		
5	Is the contamination related to operations at the facility (either current and/or historic)			no			
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?			no			
11	Have potential receptors been identified on and off site?			yes	As part of the licence application		
12	Is there evidence that contamination is migrating offsite?			no			
Please enter interpretation of data here							

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
Feb & July 2013	GW3	VOC TICs	Target by GC-MS, modified USEPA 8260	Bi-annual	ND	ND	ug/l	Various	IGV	no
Feb & July 2013	GW3	Ammoniacal Nitrogen	Aquakem	Bi-annual	0.06	0.06	mg/l	0.2 mg/l for A1 water) to 4mg/l for A3 water	IGV	no
Feb & July 2013	GW3	Fluoride	Dionex	Bi-annual	<0.3	<0.3	mg/l	1.5	IGV	no
Feb & July 2013	GW3	Chloride	Aquakem	Bi-annual	21	21.6	mg/l	250	IGV	no

Groundwater/Soil monitoring template					Lic No:	W0258-01	Year	2013			
Feb & July 2013	GW3	Nitrate	Aquakem	Bi-annual	2.2	2.2	mg/l	50	IGV	no	
Feb & July 2013	GW3	COD	Colourimetric measurement	Bi-annual	<7	<7	mg/l	40	IGV	no	
Feb & July 2013	GW3	EC	Metrohm	Bi-annual	313	304	µs/cm	1000	IGV	no	
Feb & July 2013	GW3	F Coliforms	MPN	Bi-annual	9	<10	MPN/100ml	100,000	IGV	no	
Feb & July 2013	GW3	T Coliforms	MPN	Bi-annual	<10	<10	MPN/100ml	100,000	IGV	no	
Feb & July 2013	GW3	pH	Metrohm	Bi-annual	7.45	7.25	pH Units	≥6.5 and ≤ 9.5	IGV	no	
Feb & July 2013	GW3	Total Nitrogen		Bi-annual	16.4	16.4	mg/l				
Feb & July 2013	GW1	VOC TICs	Target by GC-MS, modified USEPA 8260	Bi-annual	ND	ND	ug/l	Various	IGV	no	
Feb & July 2013	GW1	Ammoniacal Nitrogen	Aquakem	Bi-annual	0.11	0.11	mg/l	0.2 mg/l for A1 water) to 4mg/l for A3 water	IGV	no	
Feb & July 2013	GW1	Fluoride	Dionex	Bi-annual	0.5	0.5	mg/l	1.5	IGV	no	
Feb & July 2013	GW1	Chloride	Aquakem	Bi-annual	25.5	25.2	mg/l	250	IGV	no	
Feb & July 2013	GW1	Nitrate	Aquakem	Bi-annual	17.7	15.8	mg/l	50	IGV	no	
Feb & July 2013	GW1	COD	Colourimetric measurement	Bi-annual	<7	<7	mg/l	40	IGV	no	
Feb & July 2013	GW1	EC	Metrohm	Bi-annual	310	294	µs/cm	1000	IGV	no	
Feb & July 2013	GW1	F Coliforms	MPN	Bi-annual	>10,000	--	MPN/100ml	100,000	IGV	no	
Feb & July 2013	GW1	T Coliforms	MPN	Bi-annual	>10,000	--	MPN/100ml	100,000	IGV	no	
Feb & July 2013	GW1	pH	Metrohm	Bi-annual	7.24	7.15	pH Units	≥6.5 and ≤ 9.5	IGV	no	
Feb & July 2013	GW1	Total Nitrogen		Bi-annual	9.7	6.7	mg/l				
							SELECT			SELECT	
.+ where average indicates arithmetic mean											
.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year											

Groundwater/Soil monitoring template											Lic No:	W0258-01	Year	2013
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				
Feb & July 2013	GW2	VOC TICs	Target by GC-MS, modified USEPA 8260	Bi-annual	ND	ND	ug/l	Various	IGV	no				
Feb & July 2013	GW2	Ammoniacal Nitrogen	Aquakem	Bi-annual	1.07	0.62	mg/l	0.2 mg/l for A1 water) to 4mg/l for A3 water	IGV	no				
Feb & July 2013	GW2	Fluoride	Dionex	Bi-annual	<0.3	<0.3	mg/l	1.5	IGV	no				
Feb & July 2013	GW2	Chloride	Aquakem	Bi-annual	25.6	24.7	mg/l	250	IGV	no				
Feb & July 2013	GW2	Nitrate	Aquakem	Bi-annual	6.5	<6.5	mg/l	50	IGV	no				
Feb & July 2013	GW2	COD	Colourimetric measurement	Bi-annual	26	23.5	mg/l	40	IGV	no				
Feb & July 2013	GW2	EC	Metrohm	Bi-annual	828	772	µs/cm	1000	IGV	no				
Feb & July 2013	GW2	F Coliforms	MPN	Bi-annual	>100	<100	MPN/100ml	100,000	IGV	no				
Feb & July 2013	GW2	T Coliforms	MPN	Bi-annual	>100	<101	MPN/100ml	100,000	IGV	no				
Feb & July 2013	GW2	pH	Metrohm	Bi-annual	7.25	7.11	pH Units	≥6.5 and ≤ 9.5	IGV	no				
Feb & July 2013	GW2	Total Nitrogen	--	Bi-annual	9.7	5.4	mg/l							
							SELECT							
upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table,											Groundwater monitoring template			
assessment criteria (GAC) and risk assessment tools is available in the EPA											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)								Surface water EQS	Groundwater regulations GTV's	Drinking water (private supply) standards	Drinking water (public supply) standards	Interim Guideline Values (IGV)		
Table 3: Soil results														
Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit							
							SELECT							
							SELECT							

Groundwater/Soil monitoring template										Lic No: W0258-01		Year: 2013		
		Where additional detail is required please enter it here in 200 words or less												

Environmental Liabilities template		Lic No:	W0258-01	Year	2013
	Click here to access EPA guidance on Environmental Liabilities and Financial provision				
			Commentary		
1	ELRA initial agreement status	Submitted and not agreed by EPA;	EPA have requested a "revision in line with new Agency Guidelines"		
2	ELRA review status	Review required and not completed;			
3	Amount of Financial Provision cover required as determined by the latest ELRA	24,900			
4	Financial Provision for ELRA status	Required but not submitted	EPA have requested a "revision in line with new Agency Guidelines"		
5	Financial Provision for ELRA - amount of cover	€25,000			
6	Financial Provision for ELRA - type	cash deposit			
7	Financial provision for ELRA expiry date	Enter expiry date			
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	EPA have requested a "revision in line with new Agency Guidelines"		
9	Closure plan review status	Review required and completed			
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	As above		
11	Financial Provision for Closure - amount of cover	€12,000			
12	Financial Provision for Closure - type	cash deposit			
13	Financial provision for Closure expiry date	Enter expiry date			

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0258-01	Year	2013
Highlighted cells contain dropdown menu click to view				Additional Information			
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes					
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes					
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes					
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes					
Environmental Management Programme (EMP) report							
	Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes	
	Additional improvements	Update and implement the Environmental Management System (EMS)	60	An updated EMS was submitted to the EPA in May 2013. Implementation is an ongoing exercise	Individual	Improved Environmental Management Practices	
	Additional improvements	To conduct Energy Efficiency Audit Report	90	Completed Jul-13	Individual	Increased compliance with licence conditions	
	Additional improvements	Closure Restoration and Aftercare Management Plan	50	Completed and submitted to EPA in May-13. Review requested.	Individual	Increased compliance with licence conditions	
	Additional improvements	Record all public complaints and put corrective operations procedures in place to deal with each specific complaint	60	A complaints recording system has been put in place and every effort is made to put any necessary corrective procedures in place as efficiently as possible	Individual	Less complaints	
	Additional improvements	Further minimise waste production from site offices through re-use and recycling	60	Office staff looked at the consumption of paper, the segregation of waste and possible ways to reuse/recycle rather than dispose of waste.	Individual	Improved Environmental Management Practices	

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0258-01	Year	2013
Groundwater protection	Maintain and improve well head coverings on GW1 and GW2	90	Completed	Individual	Installation of infrastructure		
Additional improvements	Ensure regular investigation / maintenance of surface water system		Ongoing	Individual	Improved Environmental Management Practices		
Additional improvements	Instigate regular cleaning programme of recycling shed and yard		Ongoing	Individual	Improved Environmental Management Practices		
Additional improvements	Commission Met Station on Site	30	A Met Station has been purchased and has yet to be installed	Individual	Increased compliance with licence conditions		
Additional improvements	Complete firewater supply and firewater retention infrastructures	0	This will be addressed in 2014	Individual	Installation of infrastructure		
Materials Handling/Storage/Bunding	Install level alarms in the banded area	0	This will be addressed in 2014	Individual	Increased compliance with licence conditions		
Additional improvements	Install wash down tank	0	This will be addressed in 2014	Individual	Increased compliance with licence conditions		
Materials Handling/Storage/Bunding	Complete concrete hardstanding in yard	0	This will be addressed in 2014	Individual	Increased compliance with licence conditions		
Additional improvements	Complete the fitting of doors to the recycling building	0	Discussion is underway with regard to doors	Individual	Increased compliance with licence conditions		
Additional improvements	Review Waste Acceptance Procedures	90	Completed and submitted as part of the EMS 2013 in May-13.	Individual	Increased compliance with licence conditions		
Additional improvements	Review Emergency Response Procedures	90	Completed and submitted to EPA in Apr-13	Individual	Increased compliance with licence conditions		
Additional improvements	Review Nuisance Controls	90	Completed and submitted as part of the EMS 2013 in May-13.	Individual	Increased compliance with licence conditions		
Additional improvements	Review Corrective Action Procedures	90	Completed and submitted as part of the EMS 2013 in May-13.	Individual	Increased compliance with licence conditions		
Additional improvements	Review Communications Programme	90	Completed and submitted as part of the EMS 2013 in May-13.	Individual	Increased compliance with licence conditions		

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0258-01	Year	2013
Additional improvements	Annual Environmental Report	100	Completed and submitted to the EPA in Mar-13	Individual	Increased compliance with licence conditions		
Additional improvements	Monitoring of Noise		As per Waste Licence W0258-01 Noise monitoring is carried out Annually	Individual	Increased compliance with licence conditions		
Additional improvements	Dust Monitoring		As per Waste Licence W0258-01 Dust Monitoring is carried out Quarterly	Individual	Increased compliance with licence conditions		
Additional improvements	Monitoring of Surface Water Quality		As per Waste Licence W0258-01 Surface Water monitoring is carried out Quarterly	Individual	Increased compliance with licence conditions		
Additional improvements	Monitoring of Groundwater Quality		As per Waste Licence W0258-01 Surface Water monitoring is carried out Quarterly	Individual	Increased compliance with licence conditions		
Additional improvements	Any other monitoring		Additional Groundwater monitoring was requested by the EPA - this has been completed and submitted	Individual	Increased compliance with licence conditions		
Additional improvements	Record of Complaints		Any complaints received were recorded, reported to the Facility Manager and dealt with as quickly as possible.	Individual	Less complaints		
Additional improvements	Record of Incidents		There were no reported incidents in 2013	Individual	Less complaints		

Noise monitoring summary report								Lic No:	W0258-01	Year	2013
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?										
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?								No		
Table N1: Noise monitoring summary											
Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
Jul-13	09:00-09:30	N1		47.9	41.2	48.9	65.9	No	SELECT	Road Traffic	Yes
	09:30-10:00	N1		46.8	42.5	49.2	62.2	No		Road Traffic	
	10:30-11:00	N1		45.5	40.8	47.1	68.4	No		Road Traffic	
	11:15-11:45	N2		47.3	41	50	61.2	No		Site Activities	Yes
	11:45-12:15	N2		48.2	41.6	50.3	58.9	No		Site Activities	
	12:15-12:45	N2		46.5	39.7	48.2	63.2	No		Site Activities	
*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:	W0258-01	Year	2013
					Additional information			
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below				Enter date of audit	Jul-13		
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information				SEAI - Large Industry Energy Network (LIEN)	No		
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information					Yes		
Table R1 Energy usage on site								
	Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*			
	Total Energy Used (MWHrs)	345.6						
	Total Energy Generated (MWHrs)	None						
	Total Renewable Energy Generated (MWHrs)	None						
	Electricity Consumption (MWHrs)	345.6	432					
	Fossil Fuels Consumption:							
	Heavy Fuel Oil (m3)	1044.36	1402.2					
	Light Fuel Oil (m3)		5.328					
	Natural gas (m3)							
	Coal/Solid fuel (metric tonnes)							
	Peat (metric tonnes)							
	Renewable Biomass							
	Renewable energy generated on site							
* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.								
** where site production information is available please enter percentage increase or decrease compared to previous year								
Table R2 Water usage on site						Water Emissions	Water Consumption	
	Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
	Groundwater	Not Measured	Not Measured					
	Surface water	N/A	N/A					
	Public supply	N/A	N/A					
	Recycled water	N/A	N/A					
	Total	Not Measured	Not Measured					
* 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								

Resource Usage/Energy efficiency summary						Lic No:	W0258-01	Year	2013
Table R3 Waste Stream Summary									
	Total	Landfill	Incineration	Recycled	Other				
Hazardous (Tonnes)	Not Measured								
Non-Hazardous (Tonnes)	Not Measured								
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	
Jul-13			SELECT						
			SELECT						
			SELECT						
Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry) please complete the following information									
	Unit ID	Unit ID	Unit ID	Unit ID	Station Total				
Technology									
Primary Fuel									
Thermal Efficiency									
Unit Date of Commission									
Total Starts for year									
Total Running Time									
Total Electricity Generated (GWH)									
House Load (GWH)									
KWH per Litre of Process Water									
KWH per Litre of Total Water used on Site									

Complaints and Incidents summary template													Lic No:	W0258-01	Year	2013
Complaints													Additional information			
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below													Yes			
Table 1 Complaints summary																
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information									
14/05/2013	Odour		Odour from yard	Odour suppression turned on	Complete	14-May										
31/05/2013	Odour		Odour from yard	Odour suppression increased & put on intermittant timer	Complete	31-May	Differnt neutraliser was used to improve the matter.									
19/06/2013	Odour		Smell of neutraliser coming from yard	Ratio of neutraliser to water changed	Complete	19-Jun										
07/11/2013	Odour		Odour from yard	Odour supression increased	Complete	07-Nov	With the change in temperature the odour supression was no longer left on the timer.									
	SELECT				SELECT											
Total complaints open at start of reporting year	None															
Total new complaints received during reporting year		4														
Total complaints closed during reporting year		4														
Balance of complaints end of reporting year	None															
Incidents													Additional information			
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below													No			
*For information on how to report and what constitutes an incident													What is an incident			
Table 2 Incidents summary																
Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence		
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT		
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT		

Complaints and Incidents summary template												Lic No:	W0258-01	Year	2013			
		SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT			
		SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT			
		SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT			
	Total number of incidents current year																	
	Total number of incidents previous year																	
	% reduction/increase																	

WASTE SUMMARY																
											Lic No:	W0258-01	Year	2013		
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES											PRTR facility logon		dropdown list click to see options			
SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES																
											Additional Information					
1 Were any wastes <u>accepted onto</u> your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting)											No					
If yes please enter details in table 1 below																
2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information											No					
3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information											No					
Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)																
Licenced annual tonnage limit for your site (total tonnes/annum)	EWG code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWG 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 -					
	European Waste Catalogue EWG codes		European Waste Catalogue EWG codes													
Mixed Dry Recyclables - 3500 tonnes per annum	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	mixed municipal waste	3389.86	2764.5	22%	Additional material being brought to our facility by another Waste Collection Company		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	30						
Source Separated Recyclables - 200 tonnes per annum	02 01 04	02-WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	waste plastics (except packaging)	41.88					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)							
	15 01 06	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	mixed packaging	3.28				100%	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	glass	20.8					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	15						
	16 01 06	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	aluminum	1.82					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)	wood	14.5					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	140	Some material was extracted from mixed C & D Skips					
	19 12 07	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	wood other than that mentioned in 19 12 06	NIL	5.12	100%										

WASTE SUMMARY		Lic No:		W0258-01		Year		2013			
	17 02 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	glass	22					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	10	
	17 04 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	copper,bronze & brass	0.02					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	soil & stones other than those mentioned in 17 05 03	7.96	246.71	-96%	Reduction on the quantity of source segregated 17 05 04 presenting at the facility		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	1500	Material extracted from mixed skips
	19 12 02	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	ferrous metal	1.9					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paper and cardboard	15.68	11.86	32%	Commercial customers have been actively encouraged to source separate material		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	35	Some material was extracted from mixed skips
	20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	glass	3.76	42.44	-91%	See Comments		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		In 2012 all glass was cataforised as 20 01 02 - In 2013 this was correctly changed to 17 02 02 and 20 01 02
	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	wood other than that mentioned in 20 01 37	7.9	7.16	10%			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	plastics	2.62	10.56	-75%	Reduced quantity presented as source separated.		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	7	Some material was extracted from mixed skips
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	metals	28.92	2.88	391%	Commercial customers have been actively encouraged to source separate material		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	200	Some material was extracted from mixed skips
	20 02 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	soil & stones	13.52	116.18	-88%	Reduced quantity presented as source separated.		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixed metals	NIL	2.28						

WASTE SUMMARY													Lic No: W0258-01		Year 2013	
Source separated bio-waste - 1300 tonnes per annum	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	biodegradable kitchen and canteen waste	1318.92	1272.04	4%	Natural increase			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	25					
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	biodegradable waste	2.38						R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)						
Municipal Solid Waste - 13500 tonnes per annum	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	mixed municipal waste	8981.14	8379.36	7%	Natural increase			D15-Storage pending any of the operations numbered D1 to D14	95					
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	NIL	60.72	-100%	MWRL did not accept this type of material from any other facility during 2013									
C & D Waste - 6000 tonnes per annum	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	181.28	364.7	-31%	Reduced quantity presented as source separated.			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	175					
	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixed construction & demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	2125.88	2146.62	-1%				R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)						
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	bulky waste	4245.96	3311.68	28%				R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)						
SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES																
4																
5	Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite							No	Timber & C & D Waste Recovery Areas are not yet completed.							
6	Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site							Yes								
7																
8	Does your facility have relevant nuisance controls in place?							Yes								
	Do you have an odour management system in place for your facility? If no why?							Yes								
	Do you maintain a sludge register on site?							Yes								

WASTE SUMMARY												Lic No:	W0258-01	Year	2013
SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY															
Table 2 Waste type and tonnage-landfill only															
Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments											
Table 3 General information-Landfill only															
Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste SELECT UNIT	Lined disposal area occupied by waste SELECT UNIT	Unlined area SELECT UNIT	Comments on liner type		
Cell 8															
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	should be permanently capped to date under	What materials are used in the cap	Comments									
SELECT UNIT	SELECT UNIT														
9 *please note this includes daily cover area															
10 Table 6 Leachate-Landfill only															
Is leachate from your site treated in a Waste Water Treatment Plant?						SELECT									
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												

WASTE SUMMARY													Lic No:	W0258-01	Year	2013
R13		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)														
SELECT																



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[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.17

REFERENCE YEAR	2013
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1. FACILITY IDENTIFICATION

Parent Company Name	Murray Waste Recycling Limited
Facility Name	Murray Waste Recycling Limited
PRTR Identification Number	W0258
Licence Number	W0258-01

Waste or IPPC Classes of Activity

No.	class_name
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Coolatore
Address 2	Ferns
Address 3	Co. Wexford
Address 4	
Country	Ireland
Coordinates of Location	-6.46655 52.5792
River Basin District	IESE
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Daphne Walshe-Deacon
AER Returns Contact Email Address	daphne@murraywaste.ie
AER Returns Contact Position	Deputy Facility Manager
AER Returns Contact Telephone Number	053 93 66778
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	053 93 66860
Production Volume	0.0
Production Volume Units	0
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	11
User Feedback/Comments	
Web Address	www.murraywaste.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General

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

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

4. WASTE IMPORTED/ACCEPTED ONTO SITE

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

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
--	--

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
No. Annex I	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
No. Annex I	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

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

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

POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: [Murray Waste Recycling Limited](#)

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
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](#)

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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](#)

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SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0258 | Facility Name : Murray Waste Recycling Limited | Filename : W0258 - PRTR Workbook - 2013.xls | Return Year : 2013 |

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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	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code Designation or Description			
				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	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code Designation or Description			
				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# : W0258 | Facility Name : Murray Waste Recycling Limited | Filename : W0258 - PRTR Workbook - 2013.xls | Return Year : 2013 |

27/03/2014 16:55

Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non-Haz Waste : 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 Recycler / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used							
Within the Country	16 01 20	No	29.72	glass mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Gannon ECO Concrete Ltd,WFP-WM-2009-0007-01	John Gannon Concrete Ltd,WFP-WM-2009-0007-01	Split Hill Quarry,Hazelwood,Kilbeggan,Co Westmeath,Ireland			
Within the Country	17 09 04	No	23.06	09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Stan O'Reilly T/A C & D Recycling,WFP-WW-09-0009-02		TINAKILLY,Rathnew,Co Wicklow,,Ireland			
Within the Country	17 02 02	No	28.6	glass	R4	M	Weighed	Offsite in Ireland	Gannon ECO Concrete Ltd,WFP-WM-2009-0007-01	John Gannon Concrete Ltd,WFP-WM-2009-0007-01	Split Hill Quarry,Hazelwood,Kilbeggan,Co Westmeath,Ireland			
Within the Country	19 12 02	No	68.6	ferrous metal	R4	M	Weighed	Offsite in Ireland	Multimetals Recycling Ltd,WFP-WW-09-0014-02		Conway Port Industrial Estate,Ballarney,The Murrough,Wicklow,Ireland			
Within the Country	19 12 07	No	222.92	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	Waddock Composting Facility Ltd,WFP-CW-11-0006-01		Killamaster,Co Carlow,,Ireland			
Within the Country	19 12 09	No	4179.62	minerals (for example sand, stones) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R5	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03		Carbury,Co Kildare,,Ireland			
Within the Country	19 12 12	No	25.86	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Ballynagran Landfill Greenstar South East Ltd,W0165-02		Ballynagran ,Coolbeg and Kilcandra,Co Wicklow,,Ireland			
Within the Country	19 12 12	No	7515.71	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03		Carbury,Co Kildare,,Ireland			
Within the Country	19 12 12	No	1346.86	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02		..Carranstown,Duleek,Co Meath,Ireland			
Within the Country	19 12 12	No	26.48	11	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0238-01		Dublin City Council MRF,Ballymount Road,Dublin 12,,Ireland			
Within the Country	19 12 07	No	74.74	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	M & T Plant Hire Ltd,WFP-WX-12-0061-02		Leap,Enniscorthy,Co Wexford,Ireland			
Within the Country	20 01 08	No	1459.84	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Waddock Composting Facility Ltd,WFP-CW-11-0006-01		Killamaster,Co Carlow,,Ireland			
Within the Country	19 12 07	No	30.4	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	O'Toole Composting Ltd,WFP-CW-10-0003-01		Ballintrane,Co Carlow,,Ireland			
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Advanced Environmental Solutions (Ireland) Ltd,W0104-02		Cappincur Industrial Estate,Cappincur,Tullamore,Co Offaly,Ireland			
Within the Country	20 03 01	No	2431.06	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Killarney Waste Disposal Limited,W0217-01		Aughacurreen,Killarney,Co Kerry,,Ireland			
Within the Country	17 05 04	No	563.9	soil and stones other than those mentioned in 17 05 03 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Brendan Kavanagh c/a Newtown Sand & Gravel Ltd,WFP-WX-11-0023-01		Newtown Lower,Coolgreany,Gorey,Co Wexford,Ireland			
Within the Country	19 12 12	No	24.92	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Panda Waste,W0140-03		Beauparc Business Park,Navan,Co Meath,,Ireland			
Within the Country	19 12 12	No	440.9	11	D1	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01		Ballymount Road,Walkinstown,Dublin 12,,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	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06								

* 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](#)