Facility Information Summary

Licence Register Number	W006-03
Name of site	Rampere Landfill
Site Location	Baltinglass, Co. Wicklow
NACE Code	IESE
Class of Activity	Treatment and disposal of non-haz waste
RBME risk category	High
National Grid Reference (6E, 6 N)	-6.52819 53.6439

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

Wicklow County Council operate a Landfill and Civic amenity site at Rampere, Baltinglass, Co. Wicklow. The site ceased accepting waste on 22nd October 2012. The Civic Amenity site remains open. Capping works on Cell 1 & Cell 2 of Area Four was completed during 2011.

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 Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Robert Kelly	Date 2/5/2012

AER summary template-AIR emissions

			Additional information
1	Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 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 5 and 6) you only need to complete table 1 fugitive emissions on site below	Yes	

Table 1 Fugitive emissions

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantificaton method M/C/E
Methane (CH4)	48694.782	C
Carbon dioxide (CO2)	918053.6	C

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 2 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 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
Flare 1	Total Organic Carbon (as C)	13/2/2012	10mg/m^3	97 % of all annual 30-minute values < ELV	4.14	mg/Nm3	yes	OTH	14.92	+30.1%	
Flare 1	volumetric flow	13/2/2012	3000m^hr	All 1-hour averages < ELV	235	Nm3/hour	yes	OTH	-	-57%	
Flare 1	Nitrogen oxides (NOx/NO2)	13/2/2012	150mg/m^3	97 % of all annual 30-minute values < ELV	81.69	mg/Nm3	yes	OTH	297.04	-44.2%	
	LICENCED			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?	Yes	
	If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	Yes	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes	
7	Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	No	

Table 3: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision therof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
Flare 1	Carbon monoxide (CO)	50 mg/m^3	Year	100 % of values < ELV	mg/Nm3	4,525 kg	1.4 mg/Nm3	134	1000	Annual Maximum is the highest recorded level of CO during 2011.

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

Table 4: Abatement system bypass reporting table

Bypass protocol

Date*	Duration** (hours)	Location	Reason for bypass	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

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out table 5

SELECT	

Table 5: Solvent Management Plan Summary Total VOC Emission limit value			Solvent regulations	Please refer to linked solvent regulations to complete table 5 and 6	
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 therof	Compliance
					SELECT
					SELECT

Table 6: Solvent Mass Balance summary

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table 1 and /table 2 below for ambient monitoring and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table 2 below summarising only any evidence of contamination noted during visual inspections	SELECT	

Table 1 Ambient monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW6	upstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	<0.08	mg/L	yes	
SW6	upstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.8	pH units	yes	
SW6	upstream		Suspended Solids	Yearly Average	35	All values < ELV	2	mg/L	yes	
SW6	upstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	13.5	mg/L	yes	
SW6	upstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.5	mg/L	yes	
SW6	upstream		BOD	Yearly Average	5	All values < ELV	<2	mg/L	yes	
SW6	upstream		COD	Yearly Average	40	All values < ELV	7	mg/L	yes	
SW6	upstream		Conductivity	Yearly Average	1000	All values < ELV	521	µS/cm @20oC	yes	
SW6	upstream		Temperature	Yearly Average	25	All values < ELV	10	degrees C	yes	
SW8	upstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	0.98	mg/L	yes	
SW8	upstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.9	pH units	yes	
SW8	upstream		Suspended Solids	Yearly Average	35	All values < ELV	9.5	mg/L	yes	
SW8	upstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	14.5	mg/L	yes	
SW8	upstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.6	mg/L	yes	
SW8	upstream		BOD	Yearly Average	5	All values < ELV	3	mg/L	yes	
SW8	upstream		COD	Yearly Average	40	All values < ELV	24	mg/L	yes	
SW8	upstream		Conductivity	Yearly Average	1000	All values < ELV	527	µS/cm @20oC	yes	
SW8	upstream		Temperature	Yearly Average	25	All values < ELV	9.5	degrees C	yes	
SW2	upstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	0.69	mg/L	yes	
SW2	upstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.9	pH units	yes	
SW2	upstream		Suspended Solids	Yearly Average	35	All values < ELV	5	mg/L	yes	
SW2	upstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	14.8	mg/L	yes	
SW2	upstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.6	mg/L	yes	
SW2	upstream		BOD	Yearly Average	5	All values < ELV	13.5	mg/L	no (if no please enter details in comments box)	Level recorded at <2mg/l for 3 of the quarter monitoring reports, level of 48 recorded for final quarter.
SW2	upstream		COD	Yearly Average	40	All values < ELV	21	mg/L	yes	
SW2	upstream		Conductivity	Yearly Average	1000	All values < ELV	399	µS/cm @20oC	yes	
SW2	upstream		Temperature	Yearly Average	25	All values < ELV	9.5	degrees C	yes	
SW3	downstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	0.45	mg/L	yes	
SW3	downstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.7	pH units	yes	
SW3	downstream		Suspended Solids	Yearly Average	35	All values < ELV	7	mg/L	yes	
SW3	downstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	15.5	mg/L	yes	
SW3	downstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.1	mg/L	yes	
SW3	downstream		BOD	Yearly Average	5	All values < ELV	8.3	mg/L	no (if no please enter details in comments box)	High level of 29mg/l recorded in the last quarter rasing the average result for the year.
SW3	downstream		COD	Yearly Average	40	All values < ELV	16.5	mg/L	yes	
SW3	downstream		Conductivity	Yearly Average	1000	All values < ELV	524	µS/cm @20oC	yes	
SW3	downstream		Temperature	Yearly Average	25	All values < ELV	10.3	degrees C	yes	
SW4	downstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	0.47	mg/L	yes	
SW4	downstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.6	pH units	yes	
SW4	downstream		Suspended Solids	Yearly Average	35	All values < ELV	8	mg/L	yes	
SW4	downstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	15.6	mg/L	yes	
SW4	downstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.4	mg/L	yes	
SW4	downstream		BOD	Yearly Average	5	All values < ELV	9	mg/L	no (if no please enter details in comments box)	Level recorded at <2mg/l for 3 of the quarter monitoring reports, level of 30 recorded for final quarter.
SW4	downstream		COD	Yearly Average	40	All values < ELV	5	mg/L	yes	
SW4	downstream		Conductivity	Yearly Average	1000	All values < ELV	526	µS/cm @20oC	yes	
SW4	downstream		Temperature	Yearly Average	25	All values < ELV	11	degrees C	yes	
SW5	downstream		Ammonia (as N)	Yearly Average	<1	All values < ELV	0.08	mg/L	yes	
SW5	downstream		pH	Yearly Average	6 - 9	No pH value shall deviate from the specified range.	7.5	pH units	yes	
SW5	downstream		Suspended Solids	Yearly Average	35	All values < ELV	2	mg/L	yes	
SW5	downstream	Chlorides (as Cl)		Yearly Average	250	All values < ELV	22.3	mg/L	yes	
SW5	downstream		Dissolved Oxygen	Yearly Average	No abnormal change		9.5	mg/L	yes	
SW5	downstream		BOD	Yearly Average	5	All values < ELV	2	mg/L	yes	
SW5	downstream		COD	Yearly Average	40	All values < ELV	4.25	mg/L	yes	
SW5	downstream		Conductivity	Yearly Average	1000	All values < ELV	475	µS/cm @20oC	yes	
SW5	downstream		Temperature	Yearly Average	25	All values < ELV	10	degrees C	yes	

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

Table 2 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 3 below		SELECT	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	External /Internal Lab Quality checklist / Assessment of results checklist	Yes	

Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision therof[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)	% change in mass load from previous year +/-	Comments
PD2	Water	Ammonia (as N)	discrete	Yearly Average	30 minutes	<1	All values < ELV	<0.08	mg/L	yes	Spectrophotometry (Colorimetry)	Other (please specify)	SMEWW 4500F	<0.67	63%	Bordering on limits of detection
PD2	Water	pH	discrete	Yearly Average	30 minutes	6 - 9	All values < ELV	7.1	pH units	yes	ISE (Ion Selective Electrode)	Other (please specify)	TP 003	Not applicable	Not applicable	
PD2	Water	Suspended Solids	discrete	Yearly Average	30 minutes	35	All values < ELV	2.5	mg/L	yes	Gravimetric analysis	Other (please specify)	SMEWW 2540D	20.9	-69%	Lower levels recorded during the year
PD2	Water	Chlorides (as Cl)	discrete	Yearly Average	30 minutes	250	All values < ELV	22.3	mg/L	yes	Ion Chromatography	Other (please specify)	TP 002	186	108%	This is an overflow from a public water supply thus levels of cl is detected here
PD2	Water	Dissolved Oxygen	discrete	Yearly Average	30 minutes	No abnormal change	All values < ELV	9.3	mg/L	yes	Dissolved Oxygen Meter (Electrode)	Other (please specify)	MEWAM Book 16	Not applicable	Not applicable	
PD2	Water	BOD	discrete	Yearly Average	30 minutes	5	All values < ELV	<2	mg/L	yes	Dissolved Oxygen Meter (Electrode)	Other (please specify)	SMEWW 5210B	<16.7	72%	Bordering on limits of detection
PD2	Water	COD	discrete	Yearly Average	30 minutes	40	All values < ELV	5	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP 006	41.8	-9%	
PD2	Water	Conductivity	discrete	Yearly Average	30 minutes	1000	All values < ELV	456	µS/cm @20oC	yes	Conductivity Meter (Electrode)	Other (please specify)	TP 005	Not applicable	Not applicable	
PD2	Water	Temperature	discrete	Yearly Average	30 minutes	25	All values < ELV	12	degrees C	yes	DISCRETE METHODS	Manufacturer method	On Site	Not applicable	Not applicable	
PD2	Water	volumetric flow	discrete	Yearly Average	30 minutes	No licence limit on flowrate	Not applic.	0.265	L/sec	yes	DISCRETE METHODS	Other (please specify)	On Site	Not applicable	Not applicable	
Leachate Chamber	Wastewater/Sewer	volumetric flow	composite	Total annual export	24 hour	No licence limit on volume of leachate for export	Not applic.	16.3	m3/day	yes	Other (please describe)	On site weighbridge	not applicable	Not applicable	Not applicable	
Leachate Chamber	Wastewater/Sewer	Ammonia (as N)	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	644	mg/L	yes	Spectrophotometry (Colorimetry)	Other (please specify)	SMEWW 4500F	3855	-15%	
Leachate Chamber	Wastewater/Sewer	Chlorides (as Cl)	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	1066	mg/L	yes	Ion Chromatography	Other (please specify)	TP 002	6351	-11%	
Leachate Chamber	Wastewater/Sewer	BOD	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	169	mg/L	yes	Dissolved Oxygen Meter (Electrode)	Other (please specify)	SMEWW 5210B	1012	-85%	
Leachate Chamber	Wastewater/Sewer	COD	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	1142	mg/L	yes	Digestion + Spectrophotometry	Other (please specify)	TP 006	6802	-63%	
Leachate Chamber	Wastewater/Sewer	Conductivity	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	10380	µS/cm @20oC	yes	Conductivity Meter (Electrode)	Other (please specify)	TP 005	Not applicable	Not applicable	
Leachate Chamber	Wastewater/Sewer	Sulphate	discrete	18/7/2011	30 minutes	No licence limit on leachate to sewer	Not applic.	315	mg/L	yes	Ion Chromatography	Other (please specify)	TP 002	1876	86%	Distillation/ Colourimetry
	Wastewater/Sewer															

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

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	No	

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table 4 below**	SELECT	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	
8	Did abatement system bypass occur during the reporting year? **If yes please complete table 5 below**	SELECT	

Table 4: 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)	% compliance current 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 5: 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/pipe testing report summary ALL IPPC/WASTE licensed facilities | Intensive agriculture facilities please use alternative template

Bund testing

dropdown menu click to see options

		Additional information
1	Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table 1 below listing all bunds and containment structures on site	Yes	
2	Please provide integrity testing frequency period	3 years	
3	Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)	No	

Table 1: Summary details of bund 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)
Waste Oil Storage bund	reinforced concrete		Waste Oil	12,000	1100	Hydraulic test		12/12/2011	Yes	Pass		SELECT	12/12/2014	not applicable
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

			Commentary
4	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? bunding and storage guidelines	Yes	
5	Are channels/transfer systems to remote containment systems tested?	No	not applicable
6	Are channels/transfer systems compliant in both integrity and available volume?	No	not applicable
7	Do all sumps and chambers have high level liquid alarms?	Yes	high level alarm on tank within bund
8	If yes to Q7 are these failsafe systems included in a maintenance and testing programme?	No	

Pipeline/underground structure testing

1	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	No	
2	Please provide integrity testing frequency period	SELECT	

Table 2: Summary details of underground structures/pipeline integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

	Yes	No	N/A							
	a)invest in capital improveme	b) operational improvements	c)nothing	1	2	3	4	5	7	8
reinforced concrete	general purpose concrete	prefabricated	other (please specify)							
Pass	Fail									
Storm	Foul	Process								
steel	ceramic	concrete	pvc	polypropylene	other(please specify)	Mix (please specify)				
Double walled piping	Pipe in channel	Other (please specify)								
CCTV	Hydraulic	Air	Combination							
Replaced section	Relined	Repaired crack	Removed obstruction	Other (please describe)						
3 years	Other (please specify)									
Hydraulic test	Structural assessment	Other (please specify)								

Tank and Pipeline assessment reporting-Intensive Agriculture sector only

			Additional information if required
1	Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?	SELECT	
2	is it a requirement of your licence to submit a programme for agreement to the Agency prior to carrying out a tank and pipeline assessment?	SELECT	
3	If yes has a programme been submitted to the Agency for agreement on the testing and inspection of under and over-ground effluent storage tanks and pipelines? Please enter date of submission in additional information	SELECT	
4	What method has been proposed for the testing of under and over ground effluent storage tanks and pipelines?	SELECT	
5	Has the testing and inspection of under and over ground effluent storage tanks and pipelines been completed during the current reporting year? If no please enter date last tank and pipeline assessment was completed in additional information.	SELECT	
6	If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information	SELECT	
7	If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information	SELECT	
8	If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail in additional information	SELECT	
9	If yes to Q8 please detail proposed or completed remediation work in additional information		
10	Are there any leak detection systems on site? Please see Department of Agricultures S126 and EPA guidance on Storage and Bunding of materials for required systems S126.pdf bunding and storage guidelines	SELECT	
11	From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table 1	SELECT	
12	Was it a requirement of your licence to analyse samples for the current reporting year. If yes please enter details of any samples taken in table 2 below	SELECT	
13	When is the next tank and pipeline assessment due?		
14	Does the licensee consider they are compliant with licence conditions?	SELECT	
15	Include details of any other findings of report		

Table 1: Visual inspection of leak detection chamber

Date	Evidence of discharge	Samples taken (reference in table 2)

Table 2: Samples collected from leak detection chamber

Date	Sample frequency	Sample id	Colour/Odour	Parameter	ELV (If applicable)	Measured value
	SELECT					
	SELECT					

Table 3 Storage capacity for Organic Fertiliser

Total organic fertiliser storage capacity (m3)	Quantity of organic fertiliser generated by the animals housed on site in previous reporting year	Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in previous reporting year	Quantity of organic fertiliser on site at the start of reporting year	Quantity of organic fertiliser at close of current reporting year	Have records of movement of organic fertiliser (record 3) for the previous calendar year been submitted to DAFM?
					SELECT

*DAFM -Department of Agriculture Food and Marine

Complaints

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	Additional information

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
9/4/2011	Odour		Bad smell detected at back door of home	Checked site No unusal activities infomed resident that the situation would be monitoed.	Complete	10/4/2011	
17/6/2011	Odour		Bad smell at back door and garden area	Investigated possible sources and visited resident to discuss mattter	Complete	18/6/2011	
12/7/2011	Odour		Bad smell outside back door	Checked site , increased flowrate through flare. Infomed resident	Complete	13/7/2011	
19/8/2011	Odour		very bad smel outside home	Could not find source of smell informed resident of same	Complete	19/8/2011	
5/12/2011	Odour		Bad smell outside house this evening	possible source due to excavation, informed resident	Complete	6/12/2011	
26/10/2011	Odour		strong smell outside house this evening	Very calm weather smell of LFG increased flare and informed resident	Complete	27/10/2011	

Total complaints open at start of reporting year	0
Total new complaints received during reporting year	6
Total complaints closed during reporting year	6
Balance of complaints end of reporting year	0

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes	Additional information

*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	Liklihood of reoccurence
29/1/2011	Fire	On Site Office	1. Minor	No Uncontrolled release	Plant or equipmen	Electrical	Normal activities	EPA	New	Site office replaced	electrical syste	Complete	1/2/2011	Low
21/4/2011	Breach of ELV	Noise monitoring location(NSL4)	1. Minor	No Uncontrolled release	Not related to site	Heavy traffic passi	Normal activities	EPA	Recurring	High Noise level due to	cannot be prev	Ongoing		High
21/4/2011	Trigger level reached	Groundwater wells (GW1,GW2,GW3)	2. Limited	Water	Not related to site	Nearby agricultura	Normal activities	EPA	Recurring	Results notified to the	This contamina	Ongoing		High
31/8/2011	Breach of ELV	Noise monitoring location(NSL4)	1. Minor	No Uncontrolled release	Not related to site	activities	Normal activities	EPA	Recurring	High Noise level due to	passing traffic	Ongoing		High
19/9/2011	Trigger level reached	Groundwater wells (GW2,GW3)	2. Limited	Water	Not related to site	Nearby agricultura	Normal activities	EPA	Recurring	Results notified to the	This contamina	Ongoing		High
19/9/2011	Trigger level reached	Groundwater well (GW4)	2. Limited	Water	Other (unknown)	Increased level of f	Normal activities	EPA	New	Results notified to the	Close observati	Complete	1/12/2011	Low
21/11/2011	Breach of ELV	Noise monitoring location(NSL1,NSL3,NSL4,NSL5,NSL6)	1. Minor	No Uncontrolled release	Not related to site	Heavy traffic passi	Normal activities	EPA	Recurring	High Noise level due to	cannot be prev	Ongoing		High
10/10/2011	Trigger level reached	Groundwater well (GW2)	2. Limited	Water	Not related to site	Nearby agricultura	Normal activities	EPA	Recurring	Results notified to the	This contamina	Ongoing		High
10/10/2011	Trigger level reached	Surface Water (SW2,SW3,SW4,SW8)	2. Limited	Water	Slurry Speading in	Recent slurry spre	Normal activities	EPA	New	Results notified to the	Outside Landfi	Complete	10/1/2012	Medium
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT

Total number of incidents current year	9
Total number of incidents previous year	6
% reduction/ increase	33%

Groundwater /Contaminated land summary report

			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	Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	yes	Contaminated GW wells downstream of site
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	yes	Local Authority in contact with local farmer
7	Please specify the proposed time frame for the remediation strategy	yes	on going
8	Is there a licence condition to carry out/update ELRA for the site?	yes	
9	Has any type of risk assesment been carried out for the site?	yes	
10	Has a Conceptual Site Model been developed for the site?	no	
11	Have potential receptors been identified on and off site?	yes	
12	Is there evidence that contamination is migrating offsite?	no	

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SW EQS	% change in average concentration previous year +/-	Upward trend in pollutant concentration over last 5 years of monitoring data
Yearly Average	BD4	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	<0.08	<0.08	mg/l	0.15	<1	-68	no
Yearly Average	BD4	Chloride	Ion Chromatography	Quarterly	14	13.75	mg/l	30	250	-8	no
Yearly Average	BD4	Conductivity	Conductivity meter	Quarterly	481	514	microsiemens	1000	1000	-16	no
Yearly Average	BD4	Dissolved O2	DO Meter	Quarterly	9.5	8.5	mg/l	No abnormal change	No abnormal change	17	Positive result means improved quality for this parameter
Yearly Average	BD4	pH	pH meter	Quarterly	7.5	7.2	pH units	6.5 - 9.5	6 - 9	-2	no
Yearly Average	BD4	TOC	Ion Chromatography	Quarterly	2	1.5	mg/l			-12	no
Yearly Average	BD1	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	0.37	0.15	mg/l	0.15	<1	-22	no
Yearly Average	BD1	Chloride	Ion Chromatography	Quarterly	16	15	mg/l	30	250	-32	no
Yearly Average	BD1	Conductivity	Conductivity meter	Quarterly	826	773	microsiemens	1000	1000	-6	no
Yearly Average	BD1	Dissolved O2	DO Meter	Quarterly	9.4	8	mg/l	No abnormal change	No abnormal change	49	Positive result means improved quality for this parameter
Yearly Average	BD1	pH	pH meter	Quarterly	7.2	7	pH units	6.5 - 9.5	6 - 9	-4	no
Yearly Average	BD1	TOC	Ion Chromatography	Quarterly	6.5	4.6	mg/l			-3	no
Yearly Average	GW7	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	<0.08	<0.08	mg/l	0.15	<1	-42	no

Yearly Average	GW7	Chloride	Ion Chromatography	Quarterly	16	15	mg/l	30	250	-12	no
Yearly Average	GW7	Conductivity	Conductivity meter	Quarterly	591	584	microsiemens	1000	1000	-2	no
Yearly Average	GW7	Dissolved O2	DO Meter	Quarterly	8.9	8.3	mg/l	No abnormal change	No abnormal change	77	Positive result means improved quality for this parameter
Yearly Average	GW7	pH	pH meter	Quarterly	7.6	7.4	pH units	6.5 - 9.5	6 - 9	4	no
Yearly Average	GW7	TOC	Ion Chromatography	Quarterly	2.6	2.1	mg/l			-5	no

.+ 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**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Yearly Average	GW6	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	<0.08	<0.08	mg/l	0.15	<1	-42	no
Yearly Average	GW6	Chloride	Ion Chromatography	Quarterly	20	18	mg/l	30	250	-6	no
Yearly Average	GW6	Conductivity	Conductivity meter	Quarterly	694	678	microsiemens	1000	1000	4	no
Yearly Average	GW6	Dissolved O2	DO Meter	Quarterly	8.9	7.7	mg/l	No abnormal change	No abnormal change	29	Positive result means improved quality for this parameter
Yearly Average	GW6	pH	pH meter	Quarterly	7.6	7.3	pH units	6.5 - 9.5	6 - 9	-4	no
Yearly Average	GW6	TOC	Ion Chromatography	Quarterly	2.9	2.7	mg/l			-18	no
Yearly Average	GW5	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	<0.08	<0.08	mg/l	0.15	<1	-42	no
Yearly Average	GW5	Chloride	Ion Chromatography	Quarterly	17	16.3	mg/l	30	250	-4	no
Yearly Average	GW5	Conductivity	Conductivity meter	Quarterly	621	600	microsiemens	1000	1000	4	no
Yearly Average	GW5	Dissolved O2	DO Meter	Quarterly	9.4	8.3	mg/l	No abnormal change	No abnormal change	77	Positive result means improved quality for this parameter
Yearly Average	GW5	pH	pH meter	Quarterly	7.5	7.2	pH units	6.5 - 9.5	6 - 9	-6	no
Yearly Average	GW5	TOC	Ion Chromatography	Quarterly	2.9	2.4	mg/l			-12	no
Yearly Average	GW4	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	0.19	0.11	mg/l	0.15	<1	previously blocked	data not available
Yearly Average	GW4	Chloride	Ion Chromatography	Quarterly	19	16	mg/l	30	250	previously blocked	data not available
Yearly Average	GW4	Conductivity	Conductivity meter	Quarterly	614	564	microsiemens	1000	1000	previously blocked	data not available
Yearly Average	GW4	Dissolved O2	DO Meter	Quarterly	9.1	8.2	mg/l	No abnormal change	No abnormal change	previously blocked	data not available
Yearly Average	GW4	pH	pH meter	Quarterly	7.8	7.5	pH units	6.5 - 9.5	6 - 9	previously blocked	data not available

Yearly Average	GW4	TOC	Ion Chromatography	Quarterly	10.4	5.6	mg/l			previously blocked	data not available
Yearly Average	AQ1	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	<0.08	<0.08	mg/l	0.15	<1	previously blocked	data not available
Yearly Average	AQ1	Chloride	Ion Chromatography	Quarterly	13	13	mg/l	30	250	previously blocked	data not available
Yearly Average	AQ1	Conductivity	Conductivity meter	Quarterly	572	367	microsiemens	1000	1000	previously blocked	data not available
Yearly Average	AQ1	Dissolved O2	DO Meter	Quarterly	10.6	9.2	mg/l	No abnormal change	No abnormal change	previously blocked	data not available
Yearly Average	AQ1	pH	pH meter	Quarterly	7.1	6.7	pH units	6.5 - 9.5	6 - 9	previously blocked	data not available
Yearly Average	AQ1	TOC	Ion Chromatography	Quarterly	6.5	2.3	mg/l			previously blocked	data not available
Yearly Average	GW1	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	0.23	0.66	mg/l	0.15	<1	57	no
Yearly Average	GW1	Chloride	Ion Chromatography	Quarterly	22	20	mg/l	30	250	0	no
Yearly Average	GW1	Conductivity	Conductivity meter	Quarterly	460	424	microsiemens	1000	1000	-8	no
Yearly Average	GW1	Dissolved O2	DO Meter	Quarterly	7.1	6.4	mg/l	No abnormal change	No abnormal change	14	Positive result means improved quality for this parameter
Yearly Average	GW1	pH	pH meter	Quarterly	6.8	6.6	pH units	6.5 - 9.5	6 - 9	5	no
Yearly Average	GW1	TOC	Ion Chromatography	Quarterly	2.6	2.2	mg/l			14	no
Yearly Average	GW2	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	2.6	1.7	mg/l	0.15	<1	-90	no
Yearly Average	GW2	Chloride	Ion Chromatography	Quarterly	44	27	mg/l	30	250	-21	no
Yearly Average	GW2	Conductivity	Conductivity meter	Quarterly	1156	687	microsiemens	1000	1000	-55	no
Yearly Average	GW2	Dissolved O2	DO Meter	Quarterly	5.8	4.7	mg/l	No abnormal change	No abnormal change	64	Positive result means improved quality for this parameter
Yearly Average	GW2	pH	pH meter	Quarterly	7.7	6.8	pH units	6.5 - 9.5	6 - 9	4	no
Yearly Average	GW2	TOC	Ion Chromatography	Quarterly	79	57	mg/l			-41	no
Yearly Average	GW3	Ammonical Nitrogen	Spectrophotometry (colorimetry)	Quarterly	1.2	0.4	mg/l	0.15	<1	-96	no
Yearly Average	GW3	Chloride	Ion Chromatography	Quarterly	18	15	mg/l	30	250	-64	no
Yearly Average	GW3	Conductivity	Conductivity meter	Quarterly	1116	757	microsiemens	1000	1000	-37	no
Yearly Average	GW3	Dissolved O2	DO Meter	Quarterly	6.7	6.1	mg/l	No abnormal change	No abnormal change	57	Positive result means improved quality for this parameter
Yearly Average	GW3	pH	pH meter	Quarterly	7.2	7.1	pH units	6.5 - 9.5	6 - 9	0	no
Yearly Average	GW3	TOC	Ion Chromatography	Quarterly	39	21	mg/l			-65	

				SELECT

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.					
**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

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

Environmental Liability Risk Assessment

			Commentary
1	Is it a requirement of your licence to complete an ELRA?	Yes	
2	Has an initial ELRA been submitted to and approved by the Agency?	No	No. ELRA completed in April 2012
3	Please enter the date of submission of the initial ELRA		7/5/2012
4	Date of most recent substantial ELRA update		April 2012 (1st ELRA)
5	What financial instrument/s do you have in place to cover unknown liabilities?	Other	Wicklow County Council is currently reviewing their financial provision for the Rampere site in light of the ELRA report April 2012.
6	Has this financial instrument/s been verified by the Agency?	No	Wicklow County Council is currently reviewing their financial provision for the Rampere site in light of the ELRA report April 2012.
7	What is the date of expiry of this financial instrument?		Wicklow County Council is currently reviewing their financial provision for the Rampere site in light of the ELRA report April 2012.
8	Date of next required review of the ELRA?		Apr-15
9	Please list the top 10 risks assessed on your site in table 1 below		

Table 1 ELRA summary information

Click here to access EPA guidance on ELRA	Operational Risk Assessment Category	SELECT							
				Mitigation measures to reduce risk			ELRA		
Risk ID	Potential hazards	Environmental effect	Previous risk score	Action	Date of implementation of mitigation measures	Comment	Revised Risk score for current reporting year	ELRA costing	Does the current financial provision (FP) cover the risk score?
e.g Chemical storage	Bund failure resulting in spillage of hazardous chemicals on site	Surface water /soil/groundwater contamination	6	Infrastructural improvements	31/5/2009	Relined all bunds >10years old on site	3	€10,000	Yes
Landfill	Loss of integrity of leachate collection chamber	Surface water /soil/groundwater contamination	6	Infrastructural improvements	31/12/2012	Get the integrity of the leachate collection chamber assessed.	6	€10,000	Yes
Landfill	Spillage of leachate during collection with tanker	Surface water /soil/groundwater contamination	6	Infrastructural improvements	31/12/2012	Review the leachate removal. Write up SOP and review the need to put in place a concrete apron at the loading area.	6	€10,000	Yes
Landfill	Failure of landfill liner and release of leachate to ground	Surface water /soil/groundwater contamination	6	Nothing	Ongoing	Continue to monitor groundwater and stream water quality in accordance with the waste licence. Compare analysis to the existing trigger values.	6	€10,000	Yes
Landfill	Littering- visual impact	Amenity issue	5	Nothing	Ongoing	Ensure that daily inspection is taken for litter control infrastructure.	5	€10,000	Yes
Landfill	Uncontrolled release of landfill gas following malfunction of flare or gas collection system.	Offsite migration of potential odours at sensitive receptors.	4	Nothing	Ongoing	The landfill is not accepting for landfilling on site. There is an odour management plan on site. Telemetry is set up on flare which has automatic dial-out to the landfill manager if a issue arises. The flare is serviced quarterly. The gas collection maintained and the gas field is balanced on a weekly basis. Daily subjective odour assessments are carried out daily on site.	4	€5,000	Yes
Landfill	Breach of landfill liner during drilling works.	Surface water /soil/groundwater contamination	3	Operational controls	31/12/2012	Write up SOP for future drilling of boreholes on site.	3	€5,000	Yes
Landfill	Failure of landfill cap resulting in leachate escaping through the landfill surface	Surface water /soil/groundwater contamination	3	Infrastructural improvements	31/12/2012	The landfill cap performance to be reviewed by the Council to ensure the adequacy and performance of the surface water run-off management infrastructure to ensure and confirm it is diverting overland flow from the landfill cap to the greatest extent possible.	3	€5,000	Yes
Fire	Landfill fire- accidental/malicious	Air pollution & water pollution from fire fighting water	3	Operational controls	31/12/2012	Review existing Fire Plan. Review site security and assess the risk of vandalism or arson.	3	€5,000	Yes
Landfill	Landslide	Surface water /soil/groundwater contamination	3	Operational controls	31/12/2012	Write up SOP for inspection of the storm water collection system on site.	3	€5,000	Yes
Traffic incident and spill	Spillage of hydrocarbons during refueling	Surface water /soil/groundwater contamination	3	Operational controls	31/12/2012	Review the training of staff in the use of the spill kits on site.	3	€5,000	Yes
Landfill	Release of contaminated storm water	Surface water- Stream	6	Operational controls	31/12/2012	Write up SOP to inspect the storm water emissions weekly for flow, colour and odour. This is to be recorded on a check sheet. The Lagoons are to be dredged as required (ongoing). The lagoons are to be visually inspected quarterly. This is to be recorded on a check sheet. The oil/silt interceptor is to be desluged as required (ongoing). The oil/silt interceptor is to be visually inspected quarterly. This is to be recorded on a check sheet.	6	€10,000	Yes
Total			SELECT	SELECT			SELECT		SELECT

Closure Restoration Aftercare Management Plan/ Restoration plan (CRAMP/RP)

1	Was a closure or restoration plan a requirement of the licence?	No	
2	Has a closure plan submission been approved by the Agency?	Yes	
3	What is the timescale for submission?	2005	
4	What financial instrument do you have in place to cover known liabilities?	Other	Rampere Landfill following Cramp submission.
5	What is the date of expiry of this financial instrument?		
6	What is the status of implementation of the plan?	Yet to begin	New CRAMP to be issued in June 2012

Table 2 CRAMP summary information (NON Landfill)

Date of submission of plan	Risk category	Closure plan in place	Clean closure	Restoration Aftercare Management Plan	Change in Risk category since previous year	Increase in risk category	Does the current financial provision cover the risk score?	Value of current financial provision for site
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	

Environmental Management Programme (EMP)/Continuous Improvement Programme

Highlighted cells contain dropdown menu click to view

			Additional Information
1	Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information	No	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	No	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Additional improvements	Maintain tagging of all on-site monitoring points	80	Ongoing monitoring to ensure all sampling tags are in place on site	Individual	Increased compliance with licence conditions
Additional improvements	Improve Traffic Management at CA area and facility exit	90	Road markings installed additional signage in situ	Individual	Installation of infrastructure
Reduction of emissions to Wastewater	Cap open areas of landfill	70	Capping works on going at site, currently on cell 2 and 3A.	Individual	Reduced emissions
Reduction of emissions to Air	Increase number of gas wells connected to flare	80	15 new wells installed this year currently waiting for capping to be completed	Individual	Reduced emissions
Reduction of emissions to Water	Install new surface water drainage at base of newly capp	10	Once capping is complete, new SW drains will be installed to capture run-off f	Individual	Reduced emissions
Reduction of emissions to Water	Remove risk of leachate spillage during tanker loading	20	Install new concrete area adjacent ot leachate chamber to capture any spillag	Individual	Reduced emissions
Materials Handling/Storage/Bunding	Reduce the risk of slope slippage at Area 2.	100	Install improved SW drainage system, plant 2,500 willow trees on side slope t	Individual	Improved Environmental Management Practices
SELECT		SELECT		SELECT	SELECT

Noise Monitoring Report Summary

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table 1 noise summary below	Yes
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? Draft Noise Guidance	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 1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
Annual Average	30mins	Landfill & CA	NSL1	56.6	34.6	39.9		No	SELECT	Exceeded levels caused by passing traffic on adjoining road	No
Annual Average	30mins	Landfill & CA	NSL2	49.5	37.8	47.4		No		Landfill noise distant	Yes
Annual Average	30mins	Landfill & CA	NSL3	54.1	38.1	45.8		No		Landfill noise distant	Yes
Annual Average	30mins	Landfill & CA	NSL4	56.8	32.5	49.9		No		Exceeded levels caused by passing traffic on adjoining road	No
Annual Average	30mins	Landfill & CA	NSL5	55.3	33.9	53.2		No		Landfill noise distant	Yes
Annual Average	30mins	Landfill & CA	NSL6	53.4	35.5	48.6		No		Landfill noise distant	No

*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

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	Due	To be completed in 2012
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	no	SEAI - Large Industry Energy Network (LIEN)
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	SELECT	No boilers on Site

Table 1 Energy usage on site

Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total				
Electricity	4301	4010	-7	
Fossil Fuels:				
Heavy Fuel Oil	0	0		
Light Fuel Oil	86775	78097	-10	
Natural gas	0	0		
Coal/Solid fuel	0	0		
Renewable energy generated on site	Not applicable			

* 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 2 Water usage on site

Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Groundwater	0	0		
Surface water	0	0		
Public supply	164	93	-43	
Total				

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
** where site production information is available please enter percentage increase or decrease compared to previous year

Table 3: 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					

SECTION A-PRTR 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 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)

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to** European Waste Catalogue EWC codes	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 -
47000	*20 03 01*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Non Hazardous domestic and commercial waste*	*27404*	*28167*	-3%	*Site closed on 22/10/11*	*No analysis carried out t*	*D5- Specially engineered landfill*	*all waste remains on site*	
3000	*19 08 05*	*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*	*Sludges from Urban Waste Water treatment Plants*	*0*	*0*	#DIV/0!		*0%*	*SELECT*		*This waste stream was not accepted at Rampere*
		SELECT				#DIV/0!			*SELECT*		
		SELECT				#DIV/0!			*SELECT*		

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES

4	Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	SELECT	
		SELECT	
5	Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site	SELECT	
6	Does your facility have relevant nuisance controls in place?	SELECT	
7	Do you have an odour management system in place for your facility? If no why?	SELECT	
8	Do you maintain a sludge register on site?	SELECT	

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
e.g.	Household (residual)	47,000	27,404		
e.g.	Industrial non hazardous solids	3,000	0	71,100	

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	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
area 1	1980	1996	No	Public	Non Hazardous	ceased	No	No	No	1 hectacre	0	1 hectacre	clay cap only
area 2	1997	2002	No	Public	Non Hazardous	ceased	No	No	No	1.5 hectacre	0	1.5 hectacre	HDPE Cap in place
area 3	2003	2005	No	Public	Non Hazardous	ceased	No	No	No	1.5 hectacre	1.5 hectacre	0	Full HDPE Liner and Cap in place
area 4	2006	2011	No	Public	Non Hazardous	ceased	No	No	no	4 hectacre	4 hectacre	0	Full HDPE Liner and Cap in place

Table 4 Environmental monitoring-landfill only Landfill Manual-Monitoring Standards

Was meterological 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
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	

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

Table 5 Capping-Landfill only

Area uncapped* ha	Area with temporary cap m2	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
1	6000	7 ha	1	0	HDPE (1mm), pozidrain & Clay (1)	

*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?	Yes
10	Is leachate released to surface water? If yes please complete leachate mass load information below	No

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
5956.26	1007	6801	3836	6319	No	activated sludge	Baltinglass STP

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
3640172	0	not applicable	Yes	

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	Wicklow County Council
Facility Name	Rampere Landfill
PRTR Identification Number	W0066
Licence Number	W0066-03

Waste or IPPC Classes of Activity

No.	class_name
3.5	Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.
3.2	Land treatment, including biodegradation of liquid or sludge discards in soils.
3.4	Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Rampere
Address 2	County Wicklow
Address 3	
Address 4	
	Wicklow
Country	Ireland
Coordinates of Location	-6.52819 53.6439
River Basin District	IESE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Robert Kelly
AER Returns Contact Email Address	rkelly@wicklowcoco.ie
AER Returns Contact Position	Robert Kelly
AER Returns Contact Telephone Number	059 6481677
AER Returns Contact Mobile Phone Number	086 8517617
AER Returns Contact Fax Number	05906481677
Production Volume	0.0
Production Volume Units	0
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	0
Web Address	0

2. PRTR CLASS ACTIVITIES

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

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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
03	Carbon dioxide (CO2)	C	OTH	Gas Sim 2 Statistics & Site Data	19126.1	937179.7	0.0	918053.6
01	Methane (CH4)	C	OTH	Gas Sim 2 Statistics & Site Data	17903.918	66598.7	0.0	48694.782

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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
15	Chlorofluorocarbons (CFCs)	C	OTH	PI Report	0.0	16.1	0.0	16.1
14	Hydrochlorofluorocarbons (HCFCs)	C	OTH	PI Report	0.0	16.1	0.0	16.1

* 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 AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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

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: Rampere Landfill

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used: Method Code	Method Used: Designation or Description	Facility Total Capacity m3 per hour	
Total estimated methane generation (as per site model)	943890.7	C	OTH	PI Report	N/A	
Methane flared	877292.0	M	OTH	Site Data from Flare	750.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	66598.7	C	OTH	As above	N/A	

Link to previous years emissions data | PRTR# : W

.UTANTS Data on amb

RELEASES TO WATERS	
POLLUTANT	
Name	M/C/E

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

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RELEASES TO WATERS	
POLLUTANT	
Name	M/C/E

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

SIONS (as required in your Licence)

RELEASES TO WATERS	
POLLUTANT	
Name	M/C/E
Suspended Solids	C

* 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

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			
			Method Used					
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
06	Ammonia (NH3)	C	OTH	Conc*weighbridge	3854.98	3854.98	0.0	0.0
79	Chlorides (as Cl)	C	OTH	Conc*weighbridge	6351.3	6351.3	0.0	0.0
83	Fluorides (as total F)	C	OTH	Conc*weighbridge	0.6	0.6	0.0	0.0
22	Nickel and compounds (as Ni)	C	OTH	Conc*weighbridge	0.96	0.96	0.0	0.0
20	Copper and compounds (as Cu)	C	OTH	Conc*weighbridge	0.29	0.29	0.0	0.0
18	Cadmium and compounds (as Cd)	C	OTH	Conc*weighbridge	0.17	0.17	0.0	0.0
82	Cyanides (as total CN)	C	OTH	Conc*weighbridge	0.05	0.05	0.0	0.0
23	Lead and compounds (as Pb)	C	OTH	Conc*weighbridge	1.19	1.19	0.0	0.0
21	Mercury and compounds (as Hg)	c	OTH	Conc*weighbridge	0.3	0.3	0.0	0.0
13	Total phosphorus	C	OTH	Conc*weighbridge	27.5	27.5	0.0	0.0
					0.0	0.0	0.0	0.0

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

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			
			Method Used					
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
303	BOD	C	OTH	Conc*weighbridge	1011.63	1011.63	0.0	0.0
374	Boron	C	OTH	Conc*weighbridge	16760.0	16760.0	0.0	0.0
306	COD	C	OTH	Conc*weighbridge	6836.0	6836.0	0.0	0.0
305	Calcium	C	OTH	Conc*weighbridge	1131.0	1131.0	0.0	0.0
357	Iron	C	OTH	Conc*weighbridge	20.4	20.4	0.0	0.0
320	Magnesium	C	OTH	Conc*weighbridge	0.66	0.66	0.0	0.0
332	Ortho-phosphate (as PO4)	C	OTH	Conc*weighbridge	41.9	41.9	0.0	0.0
338	Potassium	C	OTH	Conc*weighbridge	3735.0	3735.0	0.0	0.0
341	**Sodium**	C	OTH	Conc*weighbridge	5393.0	5393.0	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

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO LAND	
POLLUTANT	
Pollutant No.	Name

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of 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	20 03 01	No	112.0	mixed municipal waste	D1	M	Weighed	Onsite of generati	Wicklow County Council,W0066-03	.,Rampere Landfill,Baltinglass,.,Ireland		
Within the Country	15 01 01	No	50.0	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Greenstar/ Bailey Waste,WPT94	.,Ballycoolin Industrial Estate,Blanchardstown,Dublin 15,Ireland		
Within the Country	20 01 01	No	52.0	paper and cardboard	R3	m	Weighed	Offsite in Ireland	Greenstar/ Bailey Waste,WPT94	.,Ballycoolin Industrial Estate,Blanchardstown,Dublin 15,Ireland		
Within the Country	15 01 07	No	49.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Glassco,WP247/2006	Unit 4,Oberstown Industrial Park,Caragh Road,Naas,Ireland		
Within the Country	15 01 04	No	5.0	metallic packaging	R4	M	Weighed	Offsite in Ireland	Glassco,WP247/2006	Unit 4,Oberstown Industrial Park,Caragh Road,Naas,Ireland		
Within the Country	15 01 04	No	1.0	metallic packaging	R4	M	Weighed	Offsite in Ireland	Leon Recycling,WP247/2006	Croghan Industrial Estate,.,Arklow,Co.Wicklow,Ireland		
Within the Country	20 01 40	No	37.0	metals	R4	M	Weighed	Offsite in Ireland	Leon Recycling,WP247/2006	Croghan Industrial Estate,.,Arklow,Co.Wicklow,Ireland		
Within the Country	15 01 02	No	13.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Recyclenet,WP109/2003	.,.,Rathangan,Co.Kildare,Ireland		
Within the Country	20 01 11	No	4.0	textiles	R3	M	Weighed	Offsite in Ireland	Textile Recycling Ltd.,WPR 014	.,.,.,Dublin,Ireland		
Within the Country	16 06 01	Yes	0.7	lead batteries	D9	M	Weighed	Offsite in Ireland	Recycling Village,WP2007/20	n/a,n/a,Monisterboice,Co. Louth,Ireland	Recycling Village,Wp2007/20,.,.,Monisterboice,Co.Louth,Ireland	.,.,Monisterboice,Co.Louth,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