

Wicklow County Council,
Environmental Services,
County Buildings,
Wicklow,
Co. Wicklow.

19th February 2008.

Re: Waste Permit Annual Environmental Report

Permit Number Ess/15/8/12

Waste Permit Register Number 303

Condition No. 3.7

The permit holder shall submit to Wicklow County Council an Annual Environmental Report (AER) for the preceding calendar year by no later than the 28th February of each year.

- (a) The management and staffing structure of the facility,*
- (b) Any convictions or impositions of the facility,*
- (c) Summary of waste handled at the facility during the year,*
- (d) Reportable incidents.*
- (e) Details of complaints.*
- (f) A written summary of complaints with all of the conditions attached to the Waste Permit.*

To Whom It May Concern:

This is a summary of the activities for ESS/15/8/12 and is compiled from information between the dates, week beginning 20th September 2007 to week ending 31st December 2007 for recycling or reclamation of other inorganic materials at Calary Quarry, Co. Wicklow.

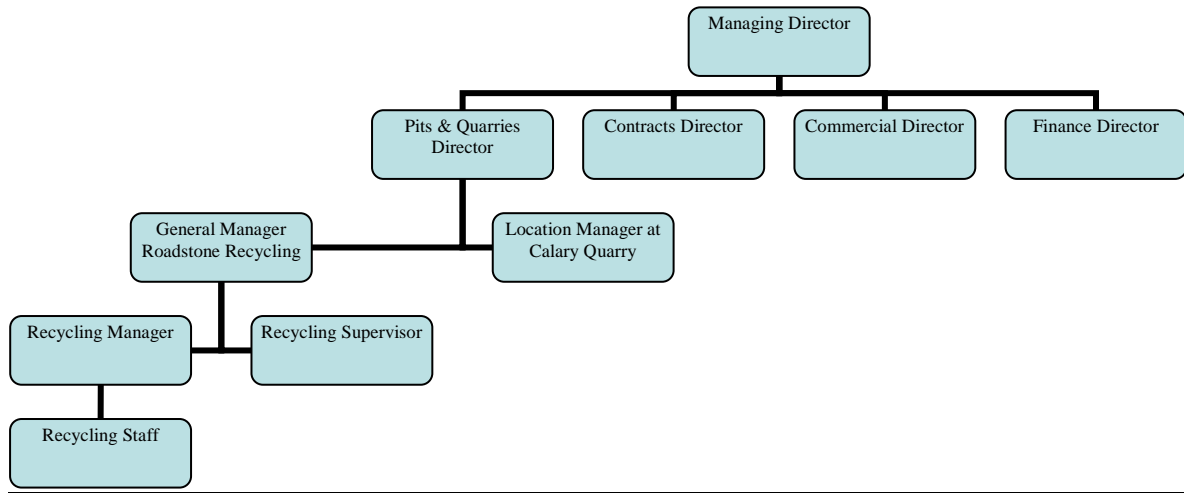
No material has been brought into the facility or removed during the reporting period. It is envisaged that the facility shall begin to take in material in March 2008.

Should Wicklow County Council feel that additional topics be included in future reports please do not hesitate to contact myself with your suggestions.

Regards,

Shane O'Reilly, Recycling Manager.

(a) **The management and staffing structure of the facility**



The diagram above illustrates a section of the over all organisation to highlight the management and reporting structure of the recycling department. The recycling staff are support staff and include as follows:

- Weighbridge staff,
- Sales staff,
- Recycling yard staff,
- Loading shovel staff
- contract crushing staff

(b) **Any convictions or impositions imposed under the Waste Management Act**

No reportable impositions or convictions during the relevant period.

(c) **Summary of waste handled at the facility during the year,**

No material was handled during the reporting period of 2007.

(d) **Reportable incidents**

There were no environment incidents during the period for which this report is compiled.

(e) **There were no complaints received from the general public in relation to our activities at Calary Quarry during the period for which this report is compiled.**

3.7 *A written summary of compliance with all of the conditions attached to this permit.*

It is to the best of our knowledge, that we the permit holder, are in compliance with the Conditions as set by Wicklow County Council for the said waste permit ESS/15/8/12.

In compliance with Condition 9: Environmental Monitoring please find enclosed a summary of our monitoring of dust deposition, noise and fumes.

Dust Deposition

As indicated in the Waste Permit Application to Wicklow County Council the recycling facility will under go regular dust monitoring. The method for determining the level of dust emitted from the recycling facility is in accordance with the DIN method: dust levels shall not exceed the normal standard for similar developments specifically *350mg/square/metre/day*.

Please find below a copy of the dust deposition results:

	Dust Deposition
Jan	n/a
Feb	n/a
Mar	n/a
Apr	66
May	n/a
Jun	n/a
Jul	n/a
Aug	n/a
Sep	166
Oct	n/a
Nov	n/a
Dec	n/a
Average	<u>116</u>

Noise Report

No noise survey was carried out during the period to which this report pertains. The reason for not carrying out any noise survey was because no production of recycled material took place during the reporting period.

Consent of copy holder for inspection purposes only
Consent of copy holder required for any other use.

Water Analysis

As part of the routine water monitoring for the facility, please find below the results of water samples from Calary Quarry.

Water Analysis					
Date	Location	Lab ID	pH	Sus solids	
			(6-9)	(0-30)	
n/a					
n/a					
n/a					
n/a					
n/a					
n/a					
n/a					
n/a					
03/09/2007	Discharge	66294	8	<1	
12/10/2007	Discharge	67298	8.1	2	
02/11/2007	Discharge	67866	8.1	1	
07/12/2007	Discharge	68867	8.1	13	

For inspection purposes only.
Consent of copyright owner required for any other use.

Wicklow County Council,
Environmental Services,
County Buildings,
Wicklow,
Co. Wicklow.

10th February 2009.

Re: Waste Permit Annual Environmental Report

Permit Number Ess/15/8/12

Waste Permit Register Number 303

Condition No. 3.6

The permit holder shall submit to Wicklow County Council an Annual Environmental Report (AER) for the preceding calendar year by no later than the 28th February of each year.

- (a) The management and staffing structure of the facility,*
- (b) Any convictions or impositions of the facility,*
- (c) Summary of waste handled at the facility during the year,*
- (d) Reportable incidents.*
- (e) Details of all complaints.*
- (f) A written summary of complaints with all of the conditions attached to the Waste Permit.*

To Whom It May Concern:

This is a summary of the activities for ESS/15/8/12 and is compiled from information between the dates, week beginning 1st January 2008 to week ending 31st December 2008 for recycling or reclamation of other inorganic materials at Calary Quarry, Co. Wicklow.

Should Wicklow County Council feel that additional topics be included in future reports please do not hesitate to contact myself with your suggestions.

Regards,

Robert Moore, Recycling Supervisor.

(e) **Details of Complaints.**

November 6th 2008.

Weather Conditions: Heavy rain on previous night (5th Nov) and during day (6th Nov).

- Mud/debris on the road outside the entrance to the facility,
- A road sweeper was immediately requested to be dispatched to the site to clean/sweep the road.
- To prevent this occurring again, a road sweeper was hired on a full time capacity to keep the site clear of debris.

(f) **A written summary of compliance with all of the conditions attached to this permit.**

It is to the best of our knowledge, that we the permit holder, are in compliance with the Conditions (1-11) as set by Wicklow County Council for the said waste permit ESS/15/8/12 waste permit register 303.

In compliance with Condition 9: Environmental Monitoring please find enclosed a summary of our monitoring of dust deposition, noise and fumes.

Dust Deposition

As indicated in the Waste Permit Application to Wicklow County Council the recycling facility will under go dust monitoring. The method for determining the level of dust emitted from the recycling facility is in accordance with the DIN method: dust levels shall not exceed the normal standard for similar developments specifically *350mg/square/metre/day*.

Please find below a copy of the dust deposition results:

Dust Deposition Analysis		
Month	Point 1	Point 2
Jan	N/A	N/A
Feb	N/A	N/A
Mar	N/A	N/A
Apr	193	179
May	N/A	N/A
Jun	N/A	N/A
Jul	N/A	N/A
Aug	N/A	N/A
Sep	109	204
Oct	N/A	N/A
Nov	N/A	N/A
Dec	N/A	N/A

Noise Report

A noise survey was carried out during the period to which this report pertains. This report is attached to this AER.

Water Analysis

As part of the routine water monitoring for the facility, please find below the results of water samples from Calary Quarry.

Water Analysis Calary Quarry 2008				
Date	Location	Lab ID	pH	Sus solids
			(6-9)	(0-30)
01/10/2008	Discharge	69335	8.1	8
02/22/2008	Discharge	70141	8.3	6
03/10/2008	Discharge	70500	8.0	73
05/23/2008	Discharge	72246	8.5	24
06/13/2008	Discharge	72834	8.2	5
07/07/2008	Discharge	73361	8.1	12
08/08/2008	Discharge	74120	8.2	2
11/14/2008	Discharge	76639	8.0	3
12/01/2008	Discharge	77015	7.9	2

For inspection purposes only.
Consent of copyright owner required for any other use.

Roadstone Wood Ltd.

Fortunestown
Tallaght
Dublin 24

Tel: (+353 1) 404 1200
Fax: (+353 1) 404 1321
Web: www.roadstonewood.ie
Email: info@roadstonewood.ie



Wicklow County Council,
Environmental Services,
County Buildings,
Wicklow,
Co. Wicklow.

3rd September 2009.

Re: Waste Permit Annual Environmental Report

Permit Number Ess/15/8/12

Waste Permit Register Number 303

Condition No. 3.6

The permit holder shall submit to Wicklow County Council an Annual Environmental Report (AER) for the preceding calendar year by no later than the 28th February of each year. Should the permit duration date have expired before this day, an Environmental Report shall be submitted within one month from the date of activities ceasing. The Environmental Report shall include such information as that requested in an AER.

- (a) *The management and staffing structure of the facility,*
- (b) *Any convictions or impositions of the facility,*
- (c) *Summary of waste handled at the facility during the year,*
- (d) *Reportable incidents.*
- (e) *Details of all complaints.*
- (f) *A written summary of complaints with all of the conditions attached to the Waste Permit.*

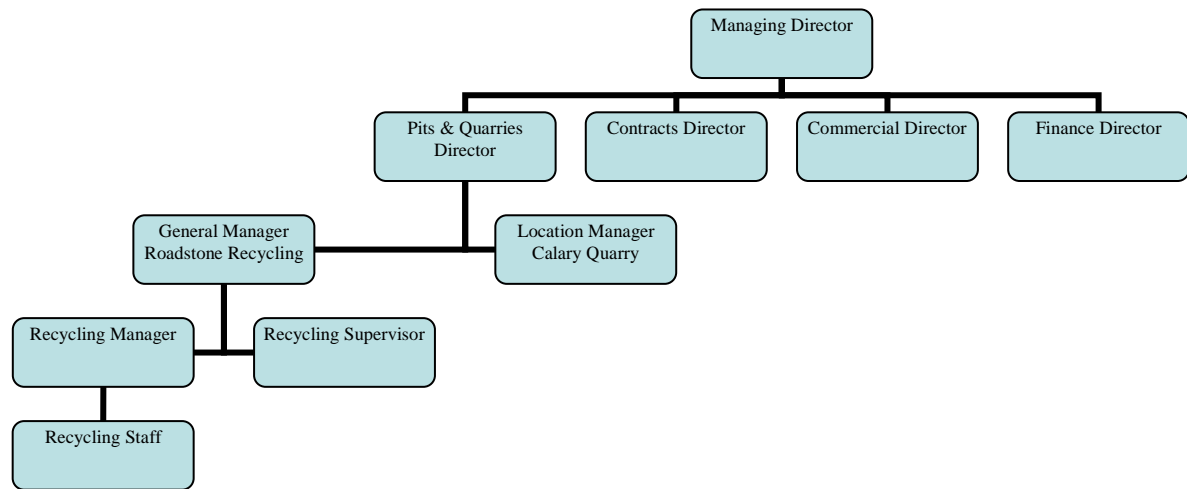
To Whom It May Concern:

This is a summary of the activities for ESS/15/8/12 and is compiled from information between the dates, week beginning 1st January 2009 to 31st July 2009 for recycling or reclamation of other inorganic materials at Calary Quarry, Co. Wicklow.

Regards,

Robert Moore, Recycling Supervisor.

(a) **The management and staffing structure of the facility**



The diagram above illustrates a section of the overall organisation to highlight the management and reporting structure of the recycling department. The recycling staff are support staff and include as follows:

- Weighbridge staff,
- Sales Representatives,
- Recycling yard Operatives,
- Loading shovel/Bulldozer Operatives

(b) **Any convictions or impositions imposed under the Waste Management Act**

No reportable impositions or convictions during the relevant period.

(c) **Summary of waste handled at the facility during the year,**

The composition of the material accepted at the facility conforms to the following European Waste Catalogue code of reference:

17 05 04 Uncontaminated soil and stones
20 02 02 Soil and stones

The material accepted in Calary Quarry is made up of external material.

The volume accepted during the lifetime of the facility was 72,297m³ (see attached survey). Assuming 1.8 tonnes per metre, the total tonnage accepted at Calary Quarry during 2008 and 2009 was 130,135 tonnes.

2008 Recovery **73,965 tonnes**

2009 Recovery **17,670 tonnes**

2009 Quarry Haul Road Construction **30,000 tonnes**

2009 Topsoil for Condition 8 of Ess 15/8/12 (303) **8,500 tonnes**

(d) Reportable incidents

There were no environment incidents during the period for which this report is compiled.

(e) Details of Complaints.

No complaints were received during the reportable period.

(f) A written summary of compliance with all of the conditions attached to this permit.

It is to the best of our knowledge, that we the permit holder, are in compliance with the Conditions (1-11) as set by Wicklow County Council for the said waste permit ESS/15/8/12 waste permit register 303.

In compliance with Condition 9: Environmental Monitoring please find enclosed a summary of our monitoring of dust deposition, noise and fumes.

Dust Deposition

As indicated in the Waste Permit Application to Wicklow County Council the recycling facility will under go dust monitoring. The method for determining the level of dust emitted from the recycling facility is in accordance with the DIN method: dust levels shall not exceed the normal standard for similar developments specifically *350mg/square/metre/day*.

Please find below a copy of the dust deposition results:

Dust Deposition Analysis		
Month	Point 1	Point 2
Jan	N/A	N/A
Feb	N/A	N/A
Mar	N/A	N/A
Apr	236	68
May	N/A	N/A
Jun	N/A	N/A
Jul	N/A	N/A
Aug		
Sep		
Oct		
Nov		
Dec		

Noise Report

No noise survey was carried out during the period to which this report pertains.

Water Analysis

As part of the routine water monitoring for the facility, please find below the results of water samples obtained from Calary Quarry in 2009.

Water Analysis Calary Quarry 2009					
Date	Location	Lab ID	pH	Suspended Solids	
M / D / Y			(6-9)	(0-30)	
1/8/2009	Discharge	77773	8.0	5	
2/10/2009	Discharge	78546	8.0	3	
2/16/2009	Discharge	78783	7.9	2	
2/13/2009	Discharge	78931	7.4	9	
3/16/2009	Discharge	79578	7.3	3	
5/7/2009	Discharge	80849	8.0	3	
6/5/2009	Discharge	81444	7.9	4	
7/10/2009	Discharge	82315	8.0	3	

For inspection purposes only.
Consent of copyright owner required for any other use.