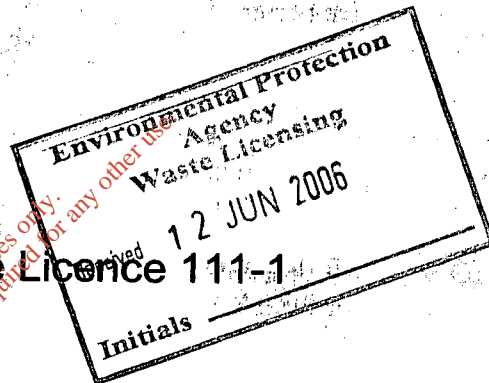


Ormonde Waste Ltd, Wexford Site
(Formerly South East Recycling Company Ltd)

Pembrokestown
Co. Wexford

Review of Waste Licence 111-1



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May 2006

EURO environmental services

Unit 35, Boyne Business Park, Drogheda, Co Louth

Project No 2330/M09

1. Provide information specified in Article 12(1) of the regulations

12(1)(a)

***Ormonde Waste Ltd – Wexford Site (Formerly: South East Recycling Company Ltd)
Pembrokestown
County Wexford**

**Telephone Number: 053 42295
Fax Number: 053 46000
Email: mail@ormondewaste.ie**

Correspondence should be addressed to:

**Michael Quirke
General Manager
Ormonde Waste Ltd
Pembrokestown
County Wexford**

We have also included certificate of incorporation for Ormonde Waste Ltd as per attachment 18.3. Ormonde Waste Ltd acquired the business and share capital of South East Recycling on 29 September 2004.

12(1)(b)

Name of Planning Authority: Wexford County Council

12(1)(c)

Sanitary Authority: Wexford County Council

12(1)(d)

Location of facility to which application relates:

The site is located in the townland of Pembrokestown, approximately 1km south of the outskirts of Wexford Town.

*** Company ownership change previously notified to Agency on 5th and 21st October 2004 as per attachments.**

2. Provide a revised site plan which shows the extent of the entire facility outlined in red.

There is no revision of the site boundary as per the previous waste licence application granted under licence registration number 111-1. Please find attached site plan (Drawing No. 1) with the extent of the entire facility outlined in red.

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3. Specify the class or classes of activity, in accordance with the Third and Fourth Schedule of the Act and provide a summary description of each of the classes of the activity applied for.

The development is a waste transfer station carrying out the following activities:

Waste disposal activities, in accordance with the Third Schedule of the Waste Management Act, 1996

Class 11 Blending or mixture prior to submission to any activity referred to in a paragraph of this schedule.

This activity is limited to handling of the non recyclable portion of skip waste at the facility prior to transport for disposal at landfill and also subject to expansion at the facility compaction of waste prior to transport for disposal to landfill.

Class 12 Repackaging prior to submission to any activity referred to in this Schedule.

Class 13 Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced.

This activity is limited to the storage of waste at the facility prior to transport for disposal at landfill.

Waste recovery activities, in accordance with the Fourth Schedule of the Waste management Act, 1996

Class 2 Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes):

This activity is limited to the segregation of waste wood at the site prior to transport for re-use and also processing of plastics. *We now request that this Class be expanded to include domestic waste collections and segregation of wastes arising, limited to kerbside recycling waste.*

Class 3 Recycling or reclamation of metals and metal compounds

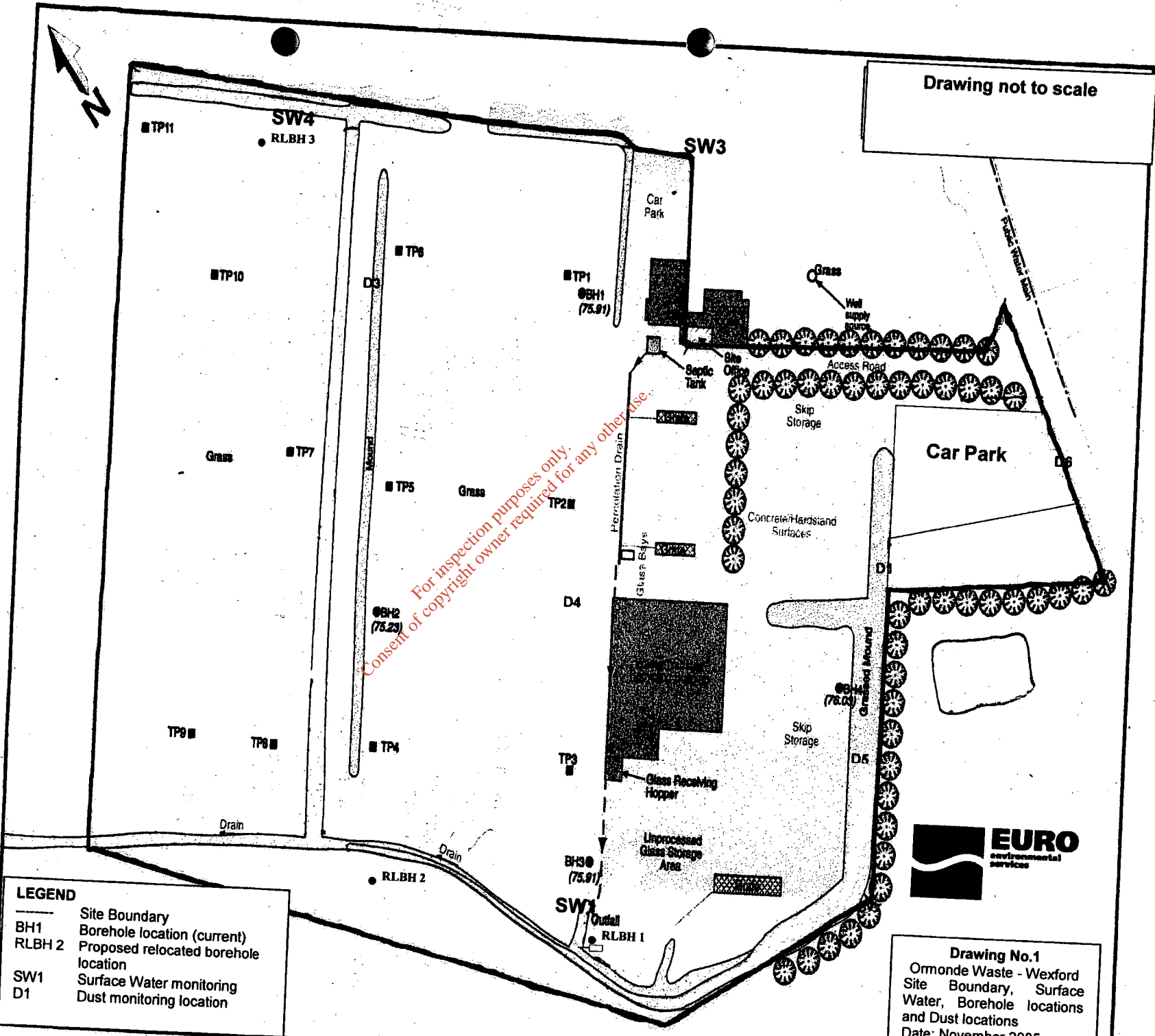
This activity is limited to the removal of steel and other metals from commercial and industrial skip waste and construction and demolition waste at the site for recycling and also to recycling of aluminium and steel cans.

Class 4 Recycling or reclamation of other inorganic materials

This activity is limited to processing of bottle and plate window glass at the site prior to transport for recycling and the recovery of C&D waste.

Class 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.

Drawing not to scale



LEGEND

—	Site Boundary
BH1	Borehole location (current)
RLBH 2	Proposed relocated borehole location
SW1	Surface Water monitoring
D1	Dust monitoring location



Drawing No.1
Ormonde Waste - Wexford
Site Boundary, Surface
Water, Borehole locations
and Dust locations
Date: November 2005

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This activity is limited to the storage of wastes on site prior to recycling or reclamation activities.

The principle activity is the recycling or reclamation of organic, inorganic and metal materials.

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4. Provide estimates of the maximum quantity of the various waste types to be accepted at your facility at any time and the infrastructure in place to manage these wastes in a safe manner. Describe the normal and maximum quantities of treated and untreated waste that will be stored at your facility at any one time. Outline any assumptions made.

4.1 Quantities of various types of waste

Currently the site is processing 30076 tonnes of mixed waste made up of recyclable, commercial, construction and demolition and industrial non hazardous per annum (2005). Due to changes in waste management activity in the region, this is expected to increase significantly in the coming months. We propose to apply for a review of our existing waste licence and increase this tonnage to 45,000 tonnes per annum.

4.2 Types and Categories of Waste – Currently Received at the site

Industrial Wastes

Ormonde Waste receives two types of industrial waste:

Skip collections – Skips are delivered to industrial and commercial sites. Industrial and commercial customers deposit waste into skips and the skips are then collected. The waste is a mixture of mixed industrial waste from cardboard, plastic, packaging, timber, construction and demolition and glass. 90% of the mixed waste is sent to landfill with 10% being picked out and recycled.

Wheelie bins – Ormonde waste collect waste from between 1,000 and 2,500 wheelie bin collections of which approximately 59% is collected from commercial customers and 41% from domestic customers.

Kerbside recycle collections are collected once every 2 weeks. This is a higher frequency than the Local Authority average. Ormonde waste has found that by increasing the frequency of the recyclable collections the recycling rate has also increased. Each alternate week a recycling kerbside collection is completed.

Cardboard is segregated cardboard collected from commercial industrial customers only, ie major and minor packaging waste producers. Some civic amenity sites are also collected. These account for 33% of the total.

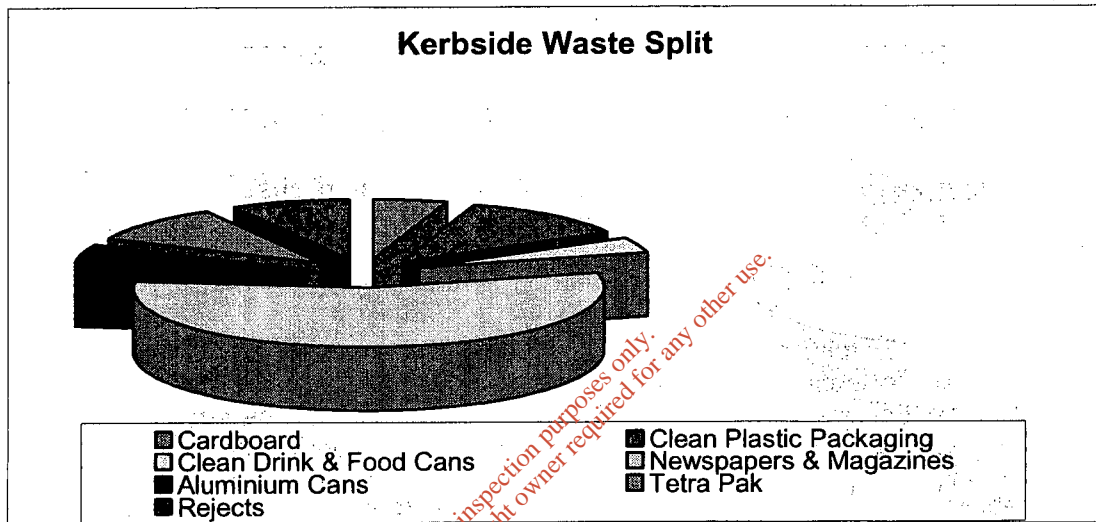
Construction and Demolition Waste is collected from builders and people carrying out home renovations. This is made up of concrete, stone and soil. There are also small fractions of timber, gypsum and pieces of metal.

Timber – this is source segregated timber. Of this 25% is collected from Civic Amenity Centres. The remainder is collected from factories and shops – a large portion are pallets. A small percentage comes from builders who are pre segregating waste.

The Kerbside waste comes from 2 sources – Ormonde Waste own collections (20%) and Wexford County Council (80%).

The breakdown of all Kerbside collected materials is as follows:

Cardboard	5%
Clean plastic packaging	12%
Clean drink and food cans	4%
Newspapers and Magazines	56%
Aluminium Cans	5%
Tetra Pak	10%
Rejects	8%
Total	100%



Glass – Bottle Bank collections – these are segregated into 3 types of glass from civic amenities and over 100 bring sites in County Wexford.

Metal – This is collected from a small number of customers. Skips are provided to dispose of clean metal cut offs.

Aluminium – This is made up of drink cans from schools and bring banks – all drink cans.

Plastic – This is made up of plastic film packaging from industrial customers.

Paper – This is segregated waste office paper mostly.

Ormonde Waste Ltd carries out a waste collection service in the South East. Waste is collected from industrial and domestic customers and transported to their site in Pembrokestown in sealed purpose built waste collection vehicles. Waste is tipped in the recycling area and waste transfer buildings.

4.3 Site Infrastructure

The site has the following infrastructure:

4.3.1 Administration Offices, Canteen and Weighbridge

The site has a number of administration offices for admin and management staff. The weighbridge weighs all vehicles entering and leaving the site.

4.3.2 Maintenance Building

This area was used for the maintenance of trucks on site. This work has been subcontracted off site and is not carried out on site any more. Equipment and maintenance spares are stored in this area.

4.3.3 Waste Transfer / Recycling building

This is a typical industrial building with industrial cladding. The compactor is located in this area.

4.3.4 Glass Storage areas

Glass is segregated into 3 types and stored in this area.

4.4 Plant & Equipment on Site

Plant and Equipment on site is made up of the following:

1 X Boa 100 bailer with a bailing capacity of 35 tonnes per hour. The facility is currently utilising 5% of its total capacity.

1 X Fork lift with bale grab

1 X JCB front end loading shovel

1 X caterpillar 321 LC track machine with grab

Diesel fuel storage area

Small Skip Parking Area. This area is used to park empty skips and trailers as required.

1 No. waste transfer station waste compactor capable of loading approximately 35 tonnes per hour.

4.5 Surface Water Interceptor

The surface water interceptor is a 3 chamber interceptor with a holding capacity of 26,000 litres. Surface water from the site flows to the interceptor and from here to a surface water drain on the southern boundary of the site.

4.6 Foul Sewer tank

All foul sewer drains from the site, flow to this tank. The tank is fitted with duty / standby pumping systems and a high level liquid alarm and warning light. Foul water from this tank is pumped to a rising main sewer and then to the public sewer.

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5. Provide an estimate of the expected and the maximum quantity of waste types to be accepted at the Transfer Station in one calendar year.

It is estimated that the maximum quantity of waste to be accepted at the site will be 45,000 tonnes per annum made up as follows:

			Annual Tonnage	Per Week	Per Week	Per Day	In	Out	
Industrial - Industrial	200301/ 191212	32%	14,350	275.96	415.38	75.52	40	4.00	
Industrial - Wheelie Bins	200301/ 191212	17%	7,650	147.12	220.67	40.12	4	2.00	
Cardboard	150101	6%	2,700	51.92	77.88	14.16	4	0.50	
C & D	170107	7%	3,150	60.58	90.87	16.52	2	0.50	
Timber	200138	2%	900	17.31	25.96	4.72	2	0.33	
Kerbside	200301	16%	7,200	138.46	207.69	37.76	7	3.00	
Glass	150107	19%	8,550	164.42	246.63	44.84	8	1.50	
Metal	200140	0%	50	0.96	1.30	0.24	0.1	0.01	
Aluminium	150104	1%	450	8.65	12.98	2.36	5	0.20	
Total		100%	45,000	865.38	1,298.08	236.25	72.1	12.04	

Based on waste figures received for the period 1 January - 31 December 2005.

The maximum quantity per week is expected to be 1,298 tonnes, with total loads in of 72 and loads out of 12 per day. Maximum per week calculated based on 150% of average per week.

Traffic Management

The proposed increase in tonnage would mean that 72 loads enter site. This would comprise a mixture of bin lorries, skips and trailers containing waste materials. The Site operates between 8:00am and 6:00pm (10 hrs). On occasions the company requires staff to commence work between 6.00 and 8.00am. This is to allow for waste collections outside peak traffic hours. Occasionally customers will request early morning collections from construction sites, in order to minimise traffic congestion during the day. We request permission to allow drivers to leave the site in order to accommodate these requirements. Drivers will start up vehicles outside the site gate and drive offsite. There will be no other activity on the site during this time.

It is expected that the first waste vehicles to arrive at the site would be by 8:00am.

Traffic movements throughout the day:

1. In the morning, empty trucks will leave the site. This would comprise of up to 10 movements between 6:00am and 8:15am.
2. Staff arriving at the site includes 9 vehicles (cars), which stay on the site for the duration of the day.
3. It is expected that the first full trucks/skips would arrive at the site by 8:00am.
4. Trucks arriving at the site are directed to the weighbridge, then to an unloading area. Waste is unloaded and the trucks leave the site.
5. The 12 Loads leaving the site are compacted during the day.
6. It is expected that the bulk of trucks arriving at the site would be between 8:00am and 6:00pm.
7. The facility has the capacity to unload 6 vehicles if tipping glass, c&d waste or recyclables. The average time taken to unload is 10 minutes.
8. The site is able to handle a maximum capacity of 36 trucks per hour.

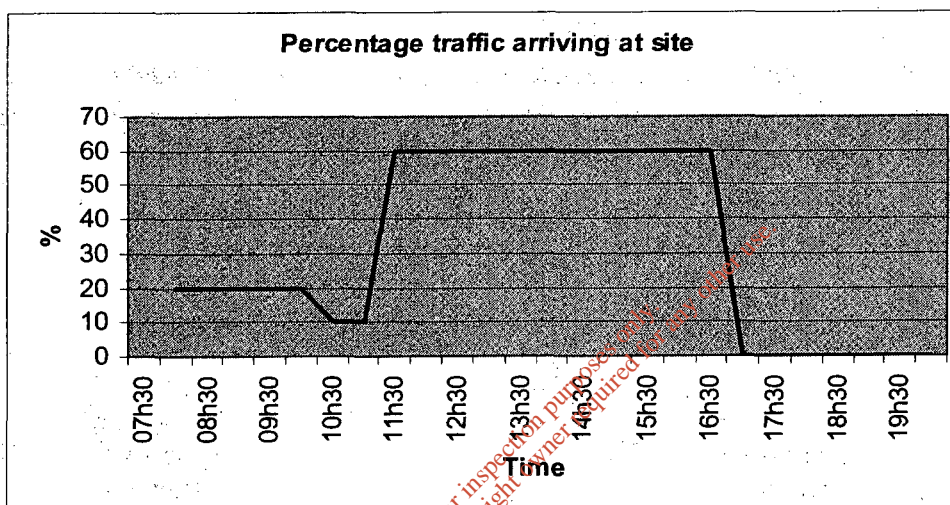
Between 6:00am and 8:15am vehicle movement on site is minimal, comprising only of about 10 trucks leaving the site, and 9 cars entering the site (Staff vehicles which remain on site for the day).

Between 8:00am and 10:00am there are a few traffic movements expected with waste trucks/skips arriving. This would account for approximately 30% of total traffic movement during the day.

Traffic is expected to reduce between 10:00am and 11:00am, accounting for approximately 10% of traffic movement for the day.

Traffic movement to the facility is expected to increase between 11:00am and 4:30pm as more trucks/skips arrive on site.

Between 11:00am and 4:30pm, there would be approximately 40 trucks arriving at the site, accounting for at least 60% of traffic movement.



Adequacy of storage capacity on site:

- It is estimated that a maximum of 40 tonnes of waste materials could be stored on site, at the end of a day's operation. This is estimated at 17% of the total daily tonnage received on site.

Available hours for unloading:

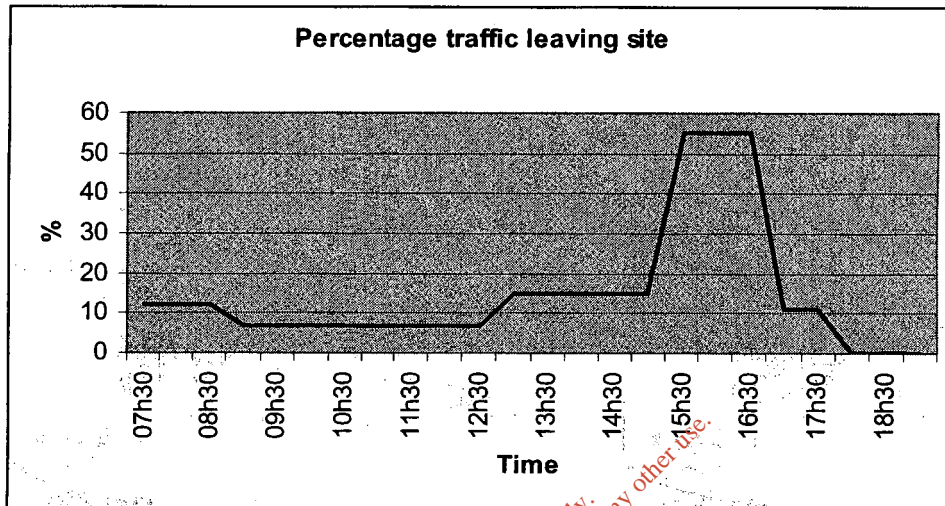
- Unloading of waste expected between 8:00am and 5:30pm. The available hours for unloading waste at the facility equates to 9.5 hours. Unloading 6 trucks at once, taking 10 minutes each, a maximum capacity of 342 trucks per day can be unloaded, assuming constant traffic movements from 11:00am to 4:30pm.

Peak Hours only:

- Between 2:00pm and 4:30pm it is expected that majority of the traffic would be arriving at the site. During these hours, at a maximum of 18 trucks per hour, 45 loads can be unloaded at the site.
- It is expected that 30% of traffic movements will arrive at the site between 8:00am and 10:00am.

Percentage traffic leaving the site:

- 9 cars leave the site in the afternoon at 5:30pm. It is expected that the majority of compacted vehicles will leave the site between 1:00pm and 3:00pm daily. This equates to 12 loads leaving the site.



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6. Identify any new monitoring and sampling points and arrangements for monitoring.

It is proposed to install the following additional monitoring locations:

6.1 Dust Monitoring

Dust monitoring is currently carried out at 5 locations 3 times per year.

Dust Monitoring was carried out as part of the EIS application in August 1999. Recent dust monitoring was carried out in March 2005. The following dust levels were recorded:

Sample Location	Dust Emission (mg/m ³ /day)	
	Sample Period 11/02/99 – 10/03/99	Sample Period 2 March to 31 March 2005
D1	198	180
D2	166	n/a
D3	144	175

The dust monitoring results indicate similar dust levels monitored in 1999 and in 2005.

It is proposed to locate 2 additional dust monitoring locations to the North east of the site. The additional dust monitoring locations will ensure that potential dust generated on site will be monitored, allowing for South westerly prevailing winds.

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6.2 Noise Monitoring

Noise monitoring is currently carried out biannually, with night time noise measurements carried out once per annum.

Noise monitoring was carried out as part of the EIS application in August 1999. Recent noise monitoring was carried out in March 2005. The following noise levels were recorded:

Monitoring Point	Location	Date / Time	L(A)eq	Date / Time	L(A)eq
N1	Staff Car Park	02/03/2005 16:03	55		
N2	Skip Storage Area	02/03/2005 14:51	56	August 1999	58
N7	Noise Sensitive Location	02/03/2005 13:44	50	August 1999	51
N8	Mernagh NSL	03/03/2005 09:02	50	August 1999	46
N13	Eastern Site Boundary	02/03/2005 16:35	51		
N14	Skip Storage Area	02/03/2005 14:19	56		
N15	Southern Site Boundary	02/03/2005 15:30	51		

Comparative noise locations were used. Some of the monitoring locations have changed due to changes in site layout. Noise levels are similar for comparative locations during each monitoring event.

It is proposed to maintain the current noise monitoring locations and increase noise monitoring frequency to 3 times per year, with 2 day time events and 1 day time and night time monitoring event. *It is also proposed to install a revised monitoring point on the site boundary which will best determine the noise concentrations at the Browne household. It is proposed to submit proposals on this monitoring point to the Agency.*

6.3 Groundwater Monitoring

Groundwater monitoring is required to be carried out at 2 locations on the site. To date groundwater has only been available at one of the groundwater monitoring locations. It is proposed to keep groundwater monitoring location BH4 as is, and to relocate the existing 3 groundwater monitoring locations, to perimeter locations. Groundwater flow direction at the site is in a north westerly direction (as per EIS dated August 1999). The proposed revised locations for monitoring wells BH1, BH2 and BH3 are depicted on Drawing number 1. These locations are chosen due to their proximity to the site perimeter and would detect site sources of groundwater contamination, should they

occur. It is proposed to carry out groundwater monitoring for a range of parameters, including pH, conductivity, ammonia, total petroleum hydrocarbons and total and faecal coliforms.

6.4 Surface Water Monitoring

It is proposed to carry out surface water monitoring as previously on a quarterly basis for a range of parameters including pH, BOD, COD, Chloride, Dissolved Oxygen, conductivity, suspended solids, oils, fats & greases, ammonia, faecal and total coliforms.

It is also proposed to install monitoring chambers at each of the surface water monitoring locations. This will assist in consistent surface water sampling.

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7. Describe the plant, methods, processes (including control system, ancillary processes, abatement, recovery and treatment systems and operating procedures for the various stages of the proposed expanded operations.

The activities carried out at the Ormonde Waste site are detailed in the attached process diagram. Ormonde Waste receive waste at the site, unload the waste, separate into fractions, compact the fractions and reload onto trailers for transport off site.

- Domestic waste is collected from household customers and mixed with commercial collections. The site currently utilised 3 licensed landfill sites at Whiteriver, Ballinasloe and Greenstar recycling centre at Ballyogan.
- Commercial and industrial wheelie bins are tipped and segregated into cardboard, timber, metal and plastic fractions.
- Source segregated skips are generally cardboard and are segregated into cardboard recycling.
- Kerbside collections are bulked in trailers and are transported to specialist licensed recycling agents.
- Industrial plastics are segregated into plastics recycling.
- Bottle banks are tipped in the glass recycling area for transport offsite to Berryman Glass and Stafford Shipping Ltd.
- Aluminium cans are separated and shipped to British Alcan and Molloy Metal Recycling Ltd.
- Construction and Demolition waste is segregated where the solid fraction is separated and transported to Thomas Driver or Pat Walsh Ltd. and C.R.S. Ltd in Wexford for recycling.

The site utilises bulk moving equipment such as JCBs, front loaders and grab loaders to move waste as required. Waste is placed in the on site compactor and transferred to trailers for transport off site.

Ancillary Processes

Foul Water

Foul water discharges from the recycling yard area flow to the foul sewer tank. This tank has a capacity of 10 cubic metres. It is fitted with duty / standby pumping systems and a high level liquid alarm and warning light.

Surface Water Interceptor

Surface water from the site flows to a 26 cubic metre interceptor tank. This tank is divided into 3 chambers. Surface water discharges from the interceptor and flows south of the site boundary.

Process Flow Chart - Ormonde Waste Wexford



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Weighbridge and Admin Offices

The weighbridge records all vehicle movements into and out of the site. The administration offices are fabricated buildings for admin and management staff.

Traffic Management on Site

Traffic management on site will be controlled by traffic controllers and the use of signage on the site indicating key site traffic rules.

Contingency Arrangements – Equipment/Plant Breakdowns

Breakdown of equipment will be handled by prompt repair and/or replacement. In the event of the site being unable to handle waste and a backlog of materials result, the waste arriving at or already collected at the facility will be re-directed to the Waterford or Kilkenny sites or to landfills until such time as the Recycling Centre and Segregation/Transfer Station is returned to a fully operational status. The hire of plant and equipment locally can be carried out within hours. Additional ejection trailers are readily available locally.

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8. Give particulars of the source, location, nature, composition, quantity level and rate of emissions (eg dust, odours, noise, bioaerosols, wastewater, surface water) arising from the various stages of the proposed expanded activity.

8.1 Dust Emissions

In addition to the existing 5 dust monitoring locations, it is proposed to locate a further two monitoring points on the north eastern boundary of the site.

It is proposed to maintain dust levels as per Schedule F: Emission Limits as per existing licence 111-1. It is proposed to increase the number of monitoring points as per Section 6 above.

Level (mg/m ³ /day)
350

8.2 Noise Emissions

Day dB(A) L _{Aeq} (30 minutes)	Night dB(A) L _{Aeq} (30 minutes)
55	45

It is proposed to maintain the existing noise levels as per Schedule F: Emission Limits as per existing licence 111-1. It is proposed to amend the monitoring frequency as per Section 6 above.

8.3 Surface Water

The company does not anticipate any additional environmental risks arising which could potentially impact on the quality of surface water. It is therefore proposed that the existing conditions with regard to surface water monitoring as per E.3: Surface Water remain as previous.

8.4 Groundwater

The company proposes to install 3 new groundwater monitoring boreholes. These will replace the current 3 which are not productive. It is proposed to leave BH4 in its current position. It is proposed to maintain the existing monitoring parameters and frequency as per E.4: Groundwater for 4 perimeter locations.

8.5 Firewater Retention

A fire water retention study was carried out in 2005. This study assessed the risks associated with the site and the handling of 13,500 tonnes per annum on the site. The additional volumes to be processed on site, are not likely to have an impact on fire water retention requirements for the following reasons:

- The volume of waste stored on site is not expected to increase significantly from that currently stored on site.

- Waste received on site will be transported in 90% of cases off site on the same day.

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9. Give details and an assessment of the effects of any proposed and accumulative (proposed & existing) emissions on the environment including any environmental medium other than that into which the emissions are made. Include an impact assessment on adjacent sensitive receptors. Describe proposed measures to prevent, eliminate or reduce, where that is not practicable, to limit or abate such emissions.

9.1 Environmental Impact Statement – August 1999

An environmental Impact assessment was carried out on the site activities in 1999 by KT Cullen & Co. We attach a copy of the non technical summary for your information.

9.2 Environmental Monitoring Under Waste Licence 111-1

The Waste Licence 111-1 was issued in January 2001. Since this time the company has carried out extensive monitoring and analysis of the following media:

- Noise monitoring – 3 times per annum
- Dust Monitoring – 3 times per annum
- Surface Water Monitoring – 4 times per annum
- Groundwater Monitoring – 2 times per annum

9.3 Noise Monitoring

Noise Monitoring – Comparative August 1999 and March 2005

Monitoring Point	Location	Date / Time	L(A)eq	Date / Time	L(A)eq
N1	Staff Car Park	02/03/2005 16:03	55		
N2	Skip Storage Area	02/03/2005 14:51	56	August 1999	58
N7	Noise Sensitive Location	02/03/2005 13:44	50	August 1999	51
N8	Mernagh NSL	03/03/2005 09:02	50	August 1999	46
N13	Eastern Site Boundary	02/03/2005 16:35	51		
N14	Skip Storage Area	02/03/2005 14:19	56		
N15	Southern Site Boundary	02/03/2005 15:30	51		

Daytime noise measurements over 30 minute monitoring period.

Noise activities on site and made up of the following:

- Vehicle movements into and out of the facility
- Trailer and skip lorries unloading
- Glass unloading and tipping area
- Process machinery on site loading trailers

In 2001 the company constructed a earth grassed mound to abate noise levels generated from the site on neighbouring residents. The mound is 3 metres in height and assists in the mitigation of potential noise impacting on nearby residents.

Site activities where possible are located in operating areas that will minimise the potential noise impact on nearby residents. In 2004 the company received 2 complaints regarding noise. In 2005 the company received 1 complaint regarding noise.

Comparative noise levels measured in 1999 and 2005 indicate that noise levels have not increased in the 6 year period and the noise levels are similar.

The company does not anticipate any additional noise being generated from on site activities. There will no increase in on site equipment or machinery to handle the proposed increase in waste volumes.

The company propose to carry out additional noise monitoring in the future to ensure noise levels are consistently maintained within licence limits.

9.4 Dust Monitoring

Sample Location	Dust Emission (mg/m ³ /day)	
	Sample Period 11/02/99 – 10/03/99	Sample Period 2 March to 31 March 2005
D1	198	180
D2	166	n/a
D3	144	175

Comparisons of dust monitoring results indicate similar dust results over 30 days for 1999 and 2005.

Since March 2005 the company has implemented a daily yard sweeping activity which is carried out in the morning and throughout the day.

In 2004 the company received no complaints regarding dust. In 2005 the company received 1 complaint regarding dust.

The company does not anticipate any additional dust being generated on site, arising from the increase in proposed tonnage volumes.

It is proposed to install 2 additional dust monitoring locations at the north eastern boundary of the site, to monitoring prevailing wind dust deposition.

9.5 Surface Water Monitoring

Surface Water Monitoring - Ormonde Waste Wexford 2005

Reference		SER Outfall	SER SW2	SER SW3	SER SW4	SER Outfall	SER SW2	SER SW3
Date of Sampling		30/06/2005	30/06/2005	30/06/2005	30/06/2005	05/03/2005	05/03/2005	05/03/2005
Parameter	Units							
Ammonia	mg/L as N	2.43	0.27	1.68	2.36	0.06	0.06	0.68
BOD	mg/L	3	5	3	5	3	2	2
Chloride	ng/L	51	21	4	50	25	38	64
COD	mg/L	67	124	9	118	48	40	37
Conductivity	uscmm	801	677	56	807	344	624	1252
Oils, Fats & Greases	mg/L	<5	<5	>5	<5	<5	<5	<5
pH	pH Units	7	6.9	6.7	6.9	7.5	7.7	7.7
Suspended Solids	mg/L	30	18	>5	30	11	<5	23

Elevated ammonia levels were detected at surface water monitoring locations in June 2005. This is likely to be due to trailer run off which occurred on the previous weekend prior to monitoring. Ormonde Waste have submitted a report on results obtained in June 2005.

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10. Where existing abatement / treatment systems will be utilised, assess the capabilities of such facilities to adequately function with the increased loads resulting from the proposed activity.

The company has at all times been proactive in the management of abatement systems to ensure full compliance with licence conditions. Good site management will ensure that day to day activities are conducted in a manner which minimises potential impact on neighbouring activities. All personnel are continuously trained on noise and dust abatement requirements.

10.1 Noise Abatement

To the south and south easterly boundary, the company installed a high grassed mound to minimise noise emissions from the site and their potential impact on neighbouring activities. The grassed mound is 3 metres in height and minimises the impact of noise emissions from the waste transfer / recycling building.

This has worked well in minimising noise levels impacting on near by residents. Comparative noise levels monitored in 1999 and recently in 2005, indicate that noise levels are similar, indicating good noise abatement from the installation of the mound.

10.2 Dust Abatement

The following dust abatement measures have been implemented:

A dust sprinkler system has been installed at the site boundary. During sustained dry periods the sprinkler system is operated to minimise dust creation from activities on the site.

In 2005 the company implemented a twice daily yard sweeping operation. All external yard areas are swept with a mechanical sweeper. This has ensured that dust levels are further minimised on a daily basis.

Where appropriate the company will continue to implement abatement measures which will further minimise the dust and noise impact of the site activities using BATNEEC.

10.3 Foul Sewer Emissions

The company do not anticipate any additional foul sewer emissions from the proposed increase in volume activities. All waste streams can be classed as dry, and will not have an impact on increased foul sewer emissions.

10.4 Surface Water Emissions

The company do not anticipate any additional surface water emissions from the proposed increase in volume activity. They do not anticipate any additional environmental risks arising that may impact on the quality of surface water discharges.

10.5 Groundwater Emissions

The company will not have any discharges to groundwater. They do not anticipate any additional environmental risks arising that may impact on the quality of groundwater on the site. Further improvements proposed in groundwater monitoring as per Section 6 will ensure improved groundwater monitoring data and assessment.

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11. *Provide information for the purposes of enabling the Agency to make a determination in relation to the matters specified in paragraphs (a) to (g) of Section 40(4) of the Act.*

Paragraphs (a) to (e) of Section 40(4) of the Act refer to the following:

- (a) *Any emissions from the recovery or disposal activity in question will not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any other enactment.*

The company has assessed the existing and proposed emissions from the activity and are satisfied that no emissions will result in the contravention of any relevant standard or emission limit value as set out under any enactment under Irish law.

- (b) *The activity concerned, carried on in accordance with such conditions as may be attached to the licence will not cause environmental pollution.*

The company is satisfied that the proposed activity carried out in accordance with revised waste licence conditions will not cause environmental pollution.

- (c) *The best available technology not entailing excessive costs will be used to prevent or eliminate or, where that is not practicable, to limit, abate or reduce an emission from the activity concerned.*

The best available technology not entailing excessive cost has been used to prevent and eliminate air and water emissions from the site.

- (d) *If the applicant is not a local authority, the corporation of a borough that is not a county borough, or the council of an urban district, subject to subsection (8), he or she is a fit and proper person to hold a waste licence.*

This activity has been operating under a waste licence since January 2001. Ormonde Waste (Wexford) has been prosecuted in April 2006 under the Waste Management Act for four breaches of license conditions. These related to over tonnage, off site destination, out of hours activity and offsite destination paper work.

- (e) *The applicant has complied with any requirements under section 53.*

The company will furnish any particulars required in respect of such matters affecting its ability to meet the financial commitments or liabilities that the Agency reasonably considers will be entered into in carrying on the activity to which the licence relates or will relate.

13. Provide the information to accompany the application as specified in Article 12 (4) of the Regulations.

A copy of the site notice and the newspaper notices are as attached.

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14. *Submit the appropriate fee for the review of your licence in accordance with Article 43 of the Regulations.*

The fee has been calculated based on the Second Schedule Fees – Part 1 3.2 The disposal of waste (other than hazardous waste) at a facility (other than a landfill facility) where the annual intake is likely to exceed 25,000 tonnes but be less than 100,000 tonnes – column 3 €10,000.

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Legal Notices

CIRCUIT COURT AND CIRCUIT BENCHY LAOIS
The Matter of **THE SENSING ACTS TO 2004**
The Matter of **COURTS**
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The Matter of **ING (IRELAND)**
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The Matter of **EATION OF**
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Applicant **Application**
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Legal Notices

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR THE REVIEW OF A WASTE LICENCE
Ormonde Waste Ltd. Pembrokestown, Wexford, are applying to the Environmental Protection Agency for a review of the Waste Licence granted to South East Recycling Company Ltd., Reg. No. 1111, for the facility at Pembrokestown, Wexford, National Grid Reference 3037E. 1195N.
The development is a waste transfer station carrying out the following activities:
Waste disposal activities in accordance with the Third Schedule of the Waste Management Act, 1996.
Class 11: Blending or mixture prior to submission to any activity referred to in a paragraph of this schedule.
Class 13: Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced.
Waste recovery activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996:
Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
Class 3: Recycling or reclamation of metals and metal compounds.
Class 4: Recycling or reclamation of other inorganic materials.
Class 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.
It is proposed to process up to 45,000 tonnes of waste per annum, being a mixture of industrial, domestic and recyclable waste.
A copy of the review of the waste licence together with such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application, will as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency.

THE DISTRICT COURT
AN CLUICHE MICHU

Planning Notices

KILKENNY BOROUGH COUNCIL - Chesterbridge Developments Limited intends to apply for permission for development to amend part of a previously permitted mixed use scheme (the parent permission, Kilkenny Borough Council Reg. Ref. 03/32; An Bord Pleanála Reg. Ref. PL62.207285) on a site of approximately 1.007 ha, forming part of the McDonagh Station (and adjoining) lands of 4.99 ha approximately (revised downwards from the original site area in the parent permission of 5.05 ha, consequent to the annexing of lands by ESB for the purposes of a newly permitted substation (KBC Reg. Ref. 05/40) and extending into additional lands (not forming part of the parent permission or ESB permission) comprising an area of 0.0106 hectares approximately (occupying a triangle of land at the corner of the Kilkenny Government Offices carpark, Hebron Road, adjacent Nowlan Park GAA grounds, and incorporating an additional small parcel of land on the north-western boundary as a result of an application currently under consideration relating to Building Nos. 5 & 3 (KBC Reg. Ref. 06/64)). The area affected within the overall site involves Building No. 2 (Retail Units at Upper Ground and First Floor (Mezzanine) levels). (The parent permission permits a mixed use development (including some retained buildings that include Protected Structures), consisting of the following uses: retail; residential; office (including science and technology based, and starter units); hotel (including leisure and conference facilities; offices and ancillary uses); restaurants / bars; bowling alley; childcare facilities; community facilities; plant/ancillary areas; with provision for car spaces, bus spaces and taxi rank spaces, at McDonagh Station and adjoining lands, Kilkenny. The area the subject of the amendment application does not include any Protected Structures). The development now proposed will consist of the following changes at Upper Ground Floor level: minor modifications to the footprint of the building; modifications to the permitted elevational and fenestration treatment of the Good Shed Square facade; alteration of the level of the service yard from the permitted fl +54.50 to proposed fl +54.20; the addition of 3 No. access ramps leading from the service yard to adjacent retail units; alterations to, and reconfiguration of, the internal space including: an increase in the permitted floor space of the Mall of 28 sq m; the omission of dividing walls resulting in the amalgamation of permitted Unit Nos. 1 & 35 / 14 & 15 & 16 / 29 & 30 & 31 and 32 & 33; the omission or reduction in area of some permitted corridors and / or lobbies and / or escape stairs resulting in an increase in area to permitted Unit Nos. 5, 6, 7, 8, 9, 11, 12, 13, 17, 18, 19, 20, 21, 39 and proposed amalgamated Unit Nos. 1 & 35 / 29 & 30 & 31 and 32 & 33; the insertion of a natural air carpark vent in place of a permitted access ramp; the inclusion of 1 No. additional lift adjoining permitted lift adjacent to Unit No. 10; and a slight adjustment of the location of a service corridor between permitted Unit No. 17 and 16 (proposed amalgamated Unit No. 14 & 15 & 16). Additions and alterations to, and reconfiguration of, internal space at First Floor (Mezzanine) level are also proposed, including: new mezzanine floors to Unit Nos. 9, 10, 11, 12, 13 and 39 as well as to proposed amalgamated Unit Nos. 1 & 35 / 29 & 30 & 31 and 32 & 33; the replacement of permitted voids with additional floor space to Unit Nos. 5, 6, 7, 8, 28 and proposed amalgamated Unit No. 14 & 15 & 16; new voids in place of permitted floor space to Unit Nos. 2, 17, 18 and 36; a new internal service / escape corridor to the rear of retail units on the southern side of the subject building; the addition of 4 No. new remote stores (Remote Store No. 1, 50 sq m; Remote Store No. 2, 136 sq m; Remote Store No. 3, 65 sq m; Remote Store No. 4, 43 sq m) at a level of fl +60.70; widening, extension and change in level (from permitted fl +60.40 to proposed fl +60.70) of internal service / escape corridor to rear of retail units on northern side of building; and a change in level (from permitted fl +60.40 to proposed fl +59.75) to Unit Nos. 2, 3, 4, 5 and 28. The proposal also includes the provision for new stairs to all Units to future tenant specifications to link between ground floor and permitted or proposed mezzanine floors; and the provision for a new lift to permitted Unit Nos. 3 and 17 and to proposed amalgamated Unit No. 14 & 15 & 16; to future tenant specifications, to link between ground and permitted mezzanine floors. The additional mezzanine floors, internal reconfiguration and realignment of some external walls will result in the addition of 1,464 sq m to the currently permitted gross floor space of 13,275 sq m, giving a new gross floor space of 14,739 sq m for this part of the scheme, comprised of the following areas: a decrease at Upper Ground Floor level by a gross floor space of 64 sq m (that includes an increase of 258 sq m in gross retail use; a

Planning Notices

Planning Notices

Planning Notices

KILKENNY BOROUGH COUNCIL - Chesterbridge Developments Limited intends to apply for permission for development to amend part of a previously permitted mixed use scheme (the parent permission, Kilkenny Borough Council Reg. Ref. P.03/32; An Bord Pleanála Reg. Ref. PL62.207285) on this site of approximately 0.33 hectares, forming part of the McDonagh Station (and adjoining) lands of 4.99 ha approximately (revised downwards from the original site area in the parent permission of 5.05 ha, consequent to the annexing of lands by ESB for the purposes of a newly permitted substation (KBC Reg. Ref. 05/40) and extending into additional lands (not forming part of the parent permission or ESB permission) comprising an area of 0.0106 hectares approximately (occupying a triangle of land at the corner of the Kilkenny Government Offices carpark, Hebron Road, adjacent Nowlan Park GAA grounds, and incorporating an additional small parcel of land on the north-western boundary as a result of an application currently under consideration relating to Building Nos. 5 & 3 (KBC Reg. Ref. 06/64)). The area affected within the overall site includes part of the permitted Building No. 2 together with Building No. 4 (Former Workhouse Building, a Protected Structure) and the adjoining permitted Workhouse Square (being the area framed by those parts of Building No. 4 identified as Building Nos. 4A, 4C, and 4D and Building No. 7). (The parent permission permits a mixed use development (including some retained buildings that include Protected Structures), consisting of the following uses: retail; residential; office (including science and technology based, and starter units); hotel (including leisure and conference facilities; offices and ancillary uses) / restaurants / bars; bowling alley; childcare facilities; community facilities; plant/ancillary areas; with provision for car spaces, bus spaces and taxi rank spaces, at McDonagh Station and adjoining lands, Kilkenny). The amendments now proposed will consist of: the insertion of a new first floor level (with balustrades) to the existing single storey Building 4D to accommodate three new restaurant units and one additional retail unit, with associated works including the removal and rebuild at new roof level of the existing stone bell tower; the extension of existing chimney flues with new cap constructed above new roof line to match existing; and all other associated works above and below ground including alterations to permitted wall heights, and provision of internal stairs; external elevation and fenestration treatments to extension; alterations to permitted doors and window opens, including changes in materials; simplification of varying permitted Upper Ground Floor finished floor levels of Building No. 4 to 54.50m OD, and associated alterations to doors; proposed realignment of the screen at the south western corner of Workhouse Square framed by Building 4A and the Mall of the permitted Building No. 2 with some 31 sq m of the former subsumed into the latter; replacement of the permitted retractable glazed sliding roof to Workhouse Square with a fixed feature steel-framed glazed canopy roof and lower-level lean-to Workhouse Lane entrance canopy; and the introduction of a restaurant / café (200 sq m approximately comprising servery, production area and associated seating area) in the permitted Workhouse Square restaurant / performance area. The proposed development will result in the increase of 724 sq m to the currently permitted gross floor area of 2,297 sq m of Building 4D; giving a new gross floor area of 3,021 sq m, comprised of the following areas: restaurant Unit Nos. 5 (180 sq m), 6 (194 sq m), and 7 (193 sq m)), and one additional retail unit (Unit 8 (139 sq m)) adjoining Building 4A; plus 35 sq m of ancillary stairs which includes 17 sq m transferred from the permitted Upper Ground Floor; a decrease of the permitted Workhouse Square open space by 31 sq m which is subsumed into the permitted Building No. 2 Mall (3,263 sq m gross); a new 30 sq m of café / restaurant servery and 170 sq m of associated seating within the permitted restaurant / performance area of the Workhouse Square open space. The scheme's services (mechanical and electrical, water supply, sewage disposal and surface water disposal) will form part of those permitted in the parent permission. The above planning application may be inspected or purchased at the offices of Kilkenny Borough Council, City Hall, High Street, Kilkenny during the opening hours of 9:00 a.m. - 1:00 p.m. and 2:00 p.m. - 5:00 p.m., Monday to Friday. A submission or observation in relation to the application may be made in writing on payment of the prescribed fee of €20 within the period of five weeks beginning on the date of receipt by the authority of the application.

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Newspaper Notice

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR THE REVIEW OF A WASTE LICENCE

Ormonde Waste Ltd, Pembrokestown, Wexford are applying to the Environmental Protection Agency for a review of the Waste Licence granted to South East Recycling Company Ltd, Reg. no. 111-1, for the facility at Pembrokestown, Wexford, National Grid Reference 3037E; 1195N.

The development is a waste transfer station carrying out the following activities:

Waste disposal activities, in accordance with the Third Schedule of the Waste Management Act, 1996

Class 11 Blending or mixture prior to submission to any activity referred to in a paragraph of this schedule.

Class 13 Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced.

Waste recovery activities, in accordance with the Fourth Schedule of the Waste management Act, 1996

Class 2 Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes):

Class 3 Recycling or reclamation of metals and metal compounds

Class 4 Recycling or reclamation of other inorganic materials

Class 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.

It is proposed to process up to 45,000 tonnes of waste per annum, being a mixture of industrial, domestic and recyclable waste.

A copy of the review of the waste licence together with such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application, will as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency.

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Site Notice

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15. Provide details of any impacts on the existing waste licence conditions and justification for any proposed changes to the existing conditions (ie proposed changes, which are required in order to be consistent and facilitate the proposed activities in the adjoining site).

15.1 Increase in Volumes

The company propose increasing the operating volumes of the site to 45,000 tonnes per annum as detailed in Sections 4 and 5 above.

15.2 Classes of Activity

It is proposed to include the following activities in addition to the activities detailed in Waste Licence Reg No 111-1:

Class 12: Repackaging prior to submission to any activity referred to in this Schedule.

Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation process):

It is proposed that this class be expanded to include domestic waste collections and segregation of wastes arising:

15.3 Condition 5.9 – Operating Hours

It is proposed to increase the opening hours of the site to the following hours:

Weekdays

8.00am to 6.00pm – Monday to Friday with 30 minutes start up in the morning and 1 hour shut down in the evening.

Weekends

Saturday - 8.00am to 2.00pm with 30 minutes start up in the morning and 30 minutes shut down in the evening.

Bank Holiday Weekends

The company also propose weekend operating hours specifically for 6 Saturdays after bank holiday weekends to accommodate bank holiday movements – 8.00am to 4.30pm with 30 minutes start up in the morning and 30 minutes shut down in the evening.

Out of Hours Traffic Movements

On occasions the company requires staff to commence work between 6.00 and 8.00am. This is to allow for waste collections outside peak traffic hours. Occasionally customers will request early morning collections from construction sites, in order to minimise traffic congestion during the day. We request permission to allow drivers leave the site in order to accommodate these requirements. Drivers will start up vehicles outside the site gate and drive offsite. There will be no other activity on the site during this time.

15.4 Proposed Additional Monitoring

The proposed additional monitoring is detailed in Section 6 above.

15.5 Condition 4 - Site Infrastructure

A number of the sub conditions of Condition 4 have been completed and are no longer required as conditions. The foul sewer discharges to local authority sewer and a discharge licence for same has been issued by Wexford County Council. Please refer to attachment 18.4.

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16. Describe how the facility complies with the regional Waste Management Plan.

A joint Waste Management Plan was completed by Fehily Timoney, Consulting Engineers for the regional areas of Carlow, Kilkenny, Tipperary, Waterford and Wexford.

The main objectives of the plan are as follows:

- A diversion of 50% of overall household waste away from landfill
- A minimum 65% reduction in biodegradable waste consigned to landfill
- The development of waste recovery facilities employing environmentally beneficial technologies, as an alternative to landfill, including the development of composting and other feasible biological treatment facilities capable of treating up to 300,000 tonnes of biodegradable waste per annum.
- Recycling of 35% of municipal waste
- Recycling as least 50% of C & D waste within a 5 year period, with a progressive increase to at least 85% over fifteen years.
- Rationalisation of municipal landfills, with progressive and sustained reductions in numbers, leading to an intergrated network of some twenty state of the art facilities incorporating energy recovery and high standards of environmental protection
- An 80% reduction in methane emissions from landfill, which will make a useful contribution to meeting Ireland's international obligations.

Ormonde Waste has been pro active in recycling waste in an efficient and cost effective manner. Kerbside collections are carried out with Ormonde customers on a fortnightly frequency. This has increased the recycle rates for these customers. Ormonde waste offer recycling and green bin collections for all customers and encourage point source segregation, offering customers cost effective options.

For the year 2005, Ormonde waste recycled 69.19% of the waste received at its site, ie 69.19% of the waste received was segregated and transported for wood, paper, metal, glass, plastic or construction and demolition recycling. Approximately 31% of waste received was transported to landfill.

The company believe that this trend of increased recycling will continue and expect to be recycling up to 70% of total wastes received in 2006.

The Regional Waste Management Plan for the South East proposes Scenario 4 as the recommended strategy. This proposes maximum realistic recovery / recycling with a full range of treatment systems including materials recovery, biological treatment, thermal treatment with energy recovery and residual landfill.

The proposed activities of Ormonde Waste are an integral part of the Regional Waste Management Plan, and are consistent with the Plan's stated objectives.

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17. *Where revised drawings are submitted provide a list of drawing titles, drawing numbers and revision status, which correlates the revised drawings with superseded versions.*

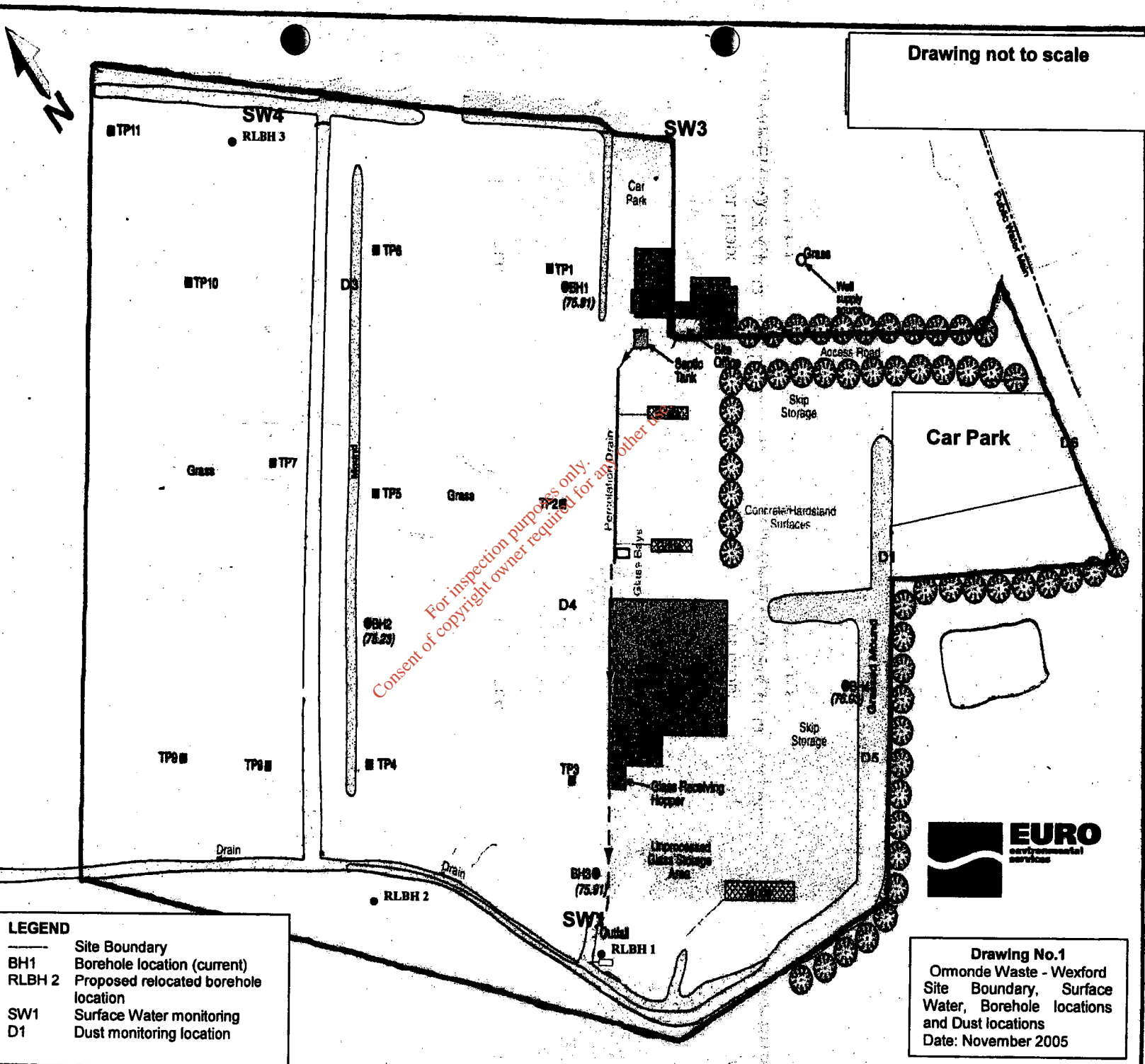
- Site Drainage Drawing incorporating Proposed/revised glass loading area – Drawing No. 04,129/PP03 C (Mahon & Fox) – dated March 2005
- Site Boundary Drawing – Drawing No. 1 – dated November 2005
- Proposed Site Monitoring Locations for Groundwater and Surface Water – Drawing No. 1 – dated November 2005
- Dust monitoring locations – Drawing No. 1 – dated November 2005

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Drawing not to scale



LEGEND

—	Site Boundary
BH1	Borehole location (current)
RLBH 2	Proposed relocated borehole location
SW1	Surface Water monitoring
D1	Dust monitoring location



Drawing No.1
Ormonde Waste - Wexford
Site Boundary, Surface
Water, Borehole locations
and Dust locations
Date: November 2005

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18. Attachments

- 18.1 Non Technical Summary KT Cullen & Co Ltd EIS – August 1999
- 18.2 Complaints History
- 18.3 Certificate of Incorporation
- 18.4 Sewer Discharge Licence – Wexford County Council
- 18.5 Copy of Property Lease Agreement
- 18.6 Copy of Current Waste Licence.No. 111-1
- 18.7 Correspondence from Wexford County Council Re: No Requirement for EIA

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18.1 Non Technical Summary KT Cullen & CO Ltd EIS – August 1999

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18.2 Complaints History

As part of the Environmental Management System, Ormonde Waste operate a complaints procedure. Where complaints are received by members of the public, the complaints procedure is followed. The company received 4 complaints in 2001, 1 in 2002, 5 in 2003, 2 in 2004 and 3 in 2005 year to date. All complaints were received from Mr Bernard Browne, Whiterockhill, Wexford, Mr Browne's residence is adjoining the site to the south of the site. It is the company's policy to pro actively address complaints when they arise and ensure site operations do not impact adversely on neighbouring residents. We attach a summary of the complaints received:

18.2.1 Complaints Received 2001

Date	Complainant	Complaint	Investigation
21/05/2001	B Browne	Noise, dust and odour	J Mernagh spoke to B Browne. Noise was reduced
12/06/2001	B Browne	Noise and dust	Area was cleared of C&D waste and due to have construction work on embankment commence the next day
20/06/2001	B Browne	Construction of embankment	Mr Browne was told that only material from a local building site was being used in the construction and that he was welcome to observe the construction work.
09/07/2001	B Browne	Noise emissions from tipping of steel	No C & D waste or scrap metal are being tipped in the near yard. All waste is now being tipped in recycling shed for segregation

18.2.2 Complaints Received 2002

Date	Complainant	Complaint	Investigation
16/10/2002	B Browne	Noise, odour and vermin	Site was visited by WCC personnel – couldn't detect and odours or vermin activity

18.2.3 Complaints Received 2003

Date	Complainant	Complaint	Investigation
16/05/2003	B Browne	Noise and dust	A new screen was to be installed around the wood chipper to prevent dust from blowing into Mr Browne's property.
19/09/2003	B Browne	Noise and dust	Compliant about noise from handling glass. Glass only loaded between hours of 8.30 to 5.15pm
07/10/2003	B Browne	Noise from loading of glass	Glass is only loaded between the hours of 8.30 and 5.15pm. The noise level is kept to a minimum.
19/12/2003	B Browne	Noise	Carried out noise monitoring at boundary of Mr Browne's fence while loading glass. All noise levels were below the permitted level as per waste licence.
23/06/2003	B Browne	Noise & Dust from wood chipper	Extra screening was installed around the woodchipper to prevent any dust from escaping from the machine.

18.2.4 Complaints Received 2004

Date	Complainant	Complaint	Investigation
27/01/2004	B Browne	Noise from wood chipper	The timber chipper has not been in use on site for a number of months. All timber shipped to Weyerhaeuser
21/05/2004	B Browne	Noise from loading of glass	All hauliers received a copy of the glass loading procedure
07/07/2004	B Browne	Noise from loading of glass	All hauliers received by post another copy of the glass loading procedure

18.2.5 Complaints Received 2005

Date	Complainant	Complaint	Investigation
08/03/2005	B Browne	Noise from loading of glass	Driver parked vehicle in wrong location for loading glass. The haulier was instructed to inform all staff that this is not to occur again
16/05/2005	B Browne	Odour and dust	Odour from skip. Removed off site immediately. All relevant staff have been given a procedure for the damping down of the facilities hardstanding areas.
15/07/2005	M Lewis	Odour	Odour from decomposed food waste that arrived in skip. Material was disinfected and sprayed with odour disperser immediately and removed from site within 2 hrs.
19/07/2005	B Browne	Facility operating outside permitted hours	On the 18 July 2 men stayed behind after operations had finished at 5.40pm, to clean and tidy up the timber storage area of the facility. All staff were informed that site operations must be finished by 6.30pm.

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Consent of copyright owner required for any other use.

18.3 Certificate of Incorporation

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

Number 385391


Certificate of Incorporation

I hereby certify that

ORMONDE WASTE LIMITED

is this day incorporated under
the Companies Acts 1963 to 2003,
and that the company is limited.

Given under my hand at Dublin, this
Friday, the 30th day of April, 2004


for Registrar of Companies

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

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

18.4 Copy of Sewer Discharge Licence (No. SS/S047/02) issued by Wexford County Council

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Non Technical Summary

1. General

This non-technical summary is provided as required by Article 6 of the European Communities (Environmental Impact Assessment) Regulations, 1998 (S. I. No. 351/1998) which amends Article 25 of the European Communities (Environmental Impact Assessment) Regulations, 1989 (S. I. No. 349/1989).

South East Recycling Co. Ltd. (SERCL) owns and operates a waste recycling centre at Pembrokestown, just south of Wexford Town. The parent company of SERCL, 'Des Mernagh t/a Wexford Plant Hire' (WPH) has operated a commercial business from the Pembrokestown site since 1973. The Company received planning permission to operate as a recycling centre in 1989. SERCL plan to expand the facility into a green-field area to the northwest of the existing facility to allow integration of the Company's waste management facilities. The expansion will primarily consist of a modern waste recycling and transfer building. A construction and demolition waste segregation facility will also be provided. The Company is currently applying to the EPA for a waste licence for the existing and proposed facilities and this EIS will accompany the application.

A number of studies were carried out in preparation of this EIS and a number of potential impacts were identified. Environmental impacts from dust, noise, effluents and potential hydrocarbon spills were identified as potential negative effects of the development and mitigation measures for all of these issues are proposed. It is predicted that there will be no significant adverse effects from the development after mitigation measures are in place.

2. Description and Characteristics of The Development

The existing facility consists of a recycling building, a concrete yard for storage of unprocessed glass, storage bays for processed glass, a skip storage area, a maintenance garage and a site office which is located in the Managing Directors house adjacent to the site. Ancillary facilities include fencing, gates, car parking area, landscaping, fuel tanks, sewerage and surface water drains, a septic tank and a percolation area. The facility is supplied with electricity, telecommunications, mains water and a water supply well which is located off-site.

The proposed expansion consists of a waste recycling and transfer building, a temporary office, a temporary canteen, construction and demolition waste segregation area, skip storage

area, relocated truck parking area and public recycling / civic amenity areas. Ancillary facilities will be provided for environmental protection. These include concrete hardstands, surface water and sewerage collection networks, a surface run-off attenuation pond, an effluent treatment plant with associated percolation area and reed bed system.

The existing recycling centre is used to segregate and process glass, aluminium cans and skip waste. The processed material, which includes glass cullet, baled aluminium cans, baled cardboard, scrap metal and waste wood is transported to local, regional and international markets. The residual material is compacted into containers and transported to landfill for disposal. The facility currently handles an estimated 11,286 tonnes of waste per annum; 3,806 tonnes are sent for recycling and 7,480 tonnes are sent to landfill for disposal.

The expanded facility will contain a large recycling and waste transfer building and a walled compound for segregation of construction and demolition waste. In addition to increased volumes of the existing materials, the Company will recycle plastics and construction and demolition wastes at the expanded facilities. Commercial waste and possibly domestic waste will also be brought to the new facility and will be segregated for recycling (where feasible) and transferred into larger vehicles prior to transport to a disposal facility. All wastes handled at the facility will be solid and non-hazardous, with the exception of small quantities of household hazardous waste contained within the domestic or commercial wastes. It is estimated that the expanded facility will handle 26,050 tonnes of waste per annum; 8,050 tonnes will be sent for recycling; 18,000 tonnes will be sent to landfill for disposal (3,000 tonnes of this is expected to consist of inert construction and demolition waste). For both environmental and economic reasons the Company will endeavour to increase the percentage of material recycled at the facility and subsequently decrease the percentage of material transferred to landfill.

The facility is open to customers from 8:00 am to 5:30 pm Monday to Friday and from 8:00 am to 1:00 pm on Saturday. WPH (including SERCL) employs a total of 26 full time staff. Twelve of these work full time in the South East Recycling Centre. Plant currently used at the facility include; hydraulic refuse compactor with associated container skip, glass processing machine, cardboard baler, can baler, paper shredder, loader, excavator, welding plant, wood shredder, power washer, mechanical road sweeper and air compressor. Plant that will be brought to Pembrokestown as part of the proposed expansion includes; plastic shredder, plastic granulator (2 no.), two additional hydraulic refuse compactors with associated container skips and a conveyor belt.

The site will be operated and monitored in accordance with conditions issued by the EPA and specified in the Waste Licence. Regular environmental monitoring will be carried out and an annual status report will be prepared and submitted to the EPA.

The facility design, operation and management is fully described at Section 3 of the Main Text of the EIS, and on Figures and Drawings that are enclosed.

3. Data Necessary to Identify and Assess the Main Effects which the Development is Likely to have on the Environment.

The data necessary relates to the site development characteristics and the existing environment in which the development has been situated as follows:-

Site Statistics and Development Characteristics

Although strictly speaking, site statistics are not an aspect of the environment, per se, they form the data base upon which most of the calculations related to impacts on the environment are based. The site statistics include site area, building size, hours of operation and traffic generation.

Climate

Climatological data for a number of stations in County Wexford relating to rainfall, wind and evapotranspiration was compiled as a baseline for evaluating the development. The annual rainfall at the site was estimated as 1116 mm/annum and the prevailing wind was identified as south-westerly.

Air Quality

Baseline measurements of dust were obtained at 3 monitoring stations, all of which were considered acceptable when compared to EPA guidelines. The gravel based yards were identified as the primary potential emission sources for dust at the existing site. The proposed construction and demolition waste segregation area was identified as a potential source of dust in the expanded facility.

Noise Environment.

Baseline noise levels were recorded at locations on site, at the site boundary, at the nearest sensitive receptors and at a background location. Noise levels were considered acceptable relative to EPA guidelines at two of the three sensitive receptors while the site was operating fully. The guideline level at the third location was exceeded due to passing traffic on the Whiterock to Pembrokestown road. This was also observed at the background location.

Geology And Soils.

A total of 11 trial pits were excavated and 4 boreholes were drilled to determine the geology of the site. The site is underlain by 2.5 to 5.0 metres of boulder clay on top of sandstones, slates, schists and quartzites.

Groundwater

Permeability tests were conducted on the monitoring boreholes and these indicated that the overburden consisted of a low permeability clay formation. The main water entries in the boreholes were found at the bedrock-overburden interface. Groundwater flow direction was found to be in a north-westerly direction towards the Bishops Water River (Horse River). A groundwater sample was taken and analysed and this found that the water quality was very good with the exception of diesel range organics and mineral oils. The source of the hydrocarbons was not identified and further monitoring was recommended.

Surface Water

A study was conducted to identify the nature, quantity, rate, level and composition of discharges to surface water from the site. Surface water from roofs and paved areas to the southwest of the site runs-off to field drains. Surface water from areas to the northeast of the site mixes with effluent from the septic tank and discharges to a percolation area to the northwest of the existing facility. The percolation area discharges to field drains. The discharge was sampled and while some parameters were considered slightly elevated the water quality generally complied with relevant surface water quality standards.

Flora And Fauna.

A field survey and a literature review were carried out to establish the baseline information in respect of flora and fauna at the site. The site is not located in an area designated for nature conservation and there are no such designated areas within 2km of the site. The grasslands on

the site are characterised as improved grassland and are of little ecological value. Hedgerows on the site were classed as being of low, moderate or high local ecological value. No rare species of plant or animal was recorded at the site.

Human Beings/Local Population

Housing and population density in the vicinity of the site was examined. The surrounding area is primarily rural but is within 1km of urban and industrial areas.

Traffic and Road Network

A traffic survey was carried out at the entrance to the facility. The survey indicated that the Whiterock to Pembrokestown road has significant reserve capacity. This is a single carriageway road with an approximate width of 4.5 to 5.0 metres along its length. Forward visibility approaching the site entrance is considered good, whereas visibility for vehicles emerging from the site is of a reasonable standard.

Landscape

An assessment of the landscape and visual impact of the development was made on the basis of a site reconnaissance. The site is well screened by mature hedgerows and lines of mature trees along the southern, western and eastern boundaries and is therefore not highly visible from any of these directions. There are limited views into the site from a small number of houses to the south and east.

Cultural Heritage

An appraisal of the cultural heritage was undertaken, detailing relevant aspects of local history, and providing an archaeological assessment of the subject site and its environs. The study concluded that although there are a number of archaeological sites in the area around the site, the proposed development is not expected to interfere with any of these.

Material Assets

A survey of surrounding material assets such as tourism and industry was carried out. There are a number of sites of tourist interest within 3km of the site, including Johnstown Castle and Wexford Town. The nearest industry is Whitemill Industrial Estate, located approximately 1 km north of the site.

4. Likely Significant Environmental Effects and the Measures Envisaged to Avoid, Reduce or Remedy them

Climate

No significant adverse impact upon the climate is predicted as a result of the operation of the facility.

Air Quality

No adverse effects on air quality from aerosols or decomposition gases are predicted. Odours from the expanded facility are expected to be mild. The impact of dust from the site is considered low at present and expected to be low after expansion. Dust emissions will be mitigated to an extent by installing concrete pavements on existing gravel based yards.

Noise

Existing noise levels are not considered high at the existing site. Increases in noise levels after expansion will be mitigated by construction of planted clay berms at the sensitive site boundaries.

Geology and Soils

Mitigation measures are proposed to protect the underlying soils from contaminants on site such as effluents, washings and hydrocarbons. These include constructing a new effluent treatment system and placing all hydrocarbon tanks in bunded areas. No significant adverse effects are expected after this mitigation is installed.

Groundwater

The mitigation proposed to protect the underlying soils and geology will also mitigate against potential contamination of groundwater. No adverse significant effects are predicted on the groundwater beneath the site.

Surface Water

The proposed new effluent treatment system and the placing of hydrocarbon tanks in concrete bunds will also mitigate against potential surface water contamination. A surface water

attenuation pond will be constructed at the site to protect against rapid run-off during flood events. No adverse significant effects are predicted on the surface water in the vicinity of the site after these mitigation measures are in place.

Flora And Fauna

The grass fields to be removed for the proposed development are considered of low ecological value. Additional planting as part of the development is expected to have a positive impact. It is not predicted that the proposed development will impact significantly on the flora of the area. The mitigation measures to protect the quality of surface water in the area will be effective in protecting aquatic life. No adverse significant effects on flora and fauna are expected after mitigation.

Human Beings/Local Population

The recycling centre provides a service to the population of Wexford Town and surrounding areas which is considered to be a positive impact. Any negative impacts on human beings are addressed in specific Sections of the EIS (eg. air quality, noise, traffic, etc.).

Traffic and Road Network

The traffic numbers using the facility are low and currently there are no adverse effects on the safety of the surrounding roads. The proposed expansion of the facility will involve additional traffic movements. However, the increased traffic flows are expected to have a negligible impact on the Whiterock to Pembrokestown road.

Landscape

Mature trees and hedgerows are to be retained at the site and new planting is proposed along the south-eastern, south-western and north-western boundaries of the site. These measures will ensure that the visual impact from the facility will be minimal.

Cultural Heritage

There are no recorded archaeological or historical sites or monuments in the immediate vicinity of the site. It is recommended that a professional archaeologist be in attendance during major earth removal activity at the site to mitigate against interference with any undiscovered archaeological remains.

Material Assets

There is no negative impact from the facility on industry and tourism in the area. The site has a positive impact on the infrastructure of Wexford Town and surroundings by providing a waste facility which services householders, commerce and industry.

Interactions

A number of potential impacts resulting from interactions between environmental media were identified. Mitigation measures for these potential impacts are proposed in specific Sections of the EIS (eg. surface water, air, noise, etc.). Impacts from interactions of environmental media at the site are all considered low or insignificant.

5. Effects of Development due to use of Natural Resources

No natural resources are used directly to operate the facility. Fossil fuels are used to power vehicles and plant. Electricity is used which is derived from the burning of fossil fuels by the ESB. The overall effect of the development on natural resources is considered insignificant. Since wastes handled by the facility are produced regardless of the development some other similar operation would still be required.

6. Effects due to Emissions

The effects of emissions from the facility were addressed in Section 3 of the EIS. This included the short, medium and long term effects; the permanent / temporary effects; and positive / negative effects.

7. Forecasting Methods Used to Assess any Effects on the Environment

Professional judgement based on site reconnaissance, desk top studies and calculations were used to assess effects on the environment.

8. Alternatives

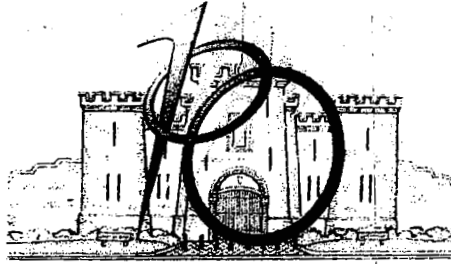
The alternatives available to the operator are addressed in Section 1 of the EIS. These include alternative locations, alternative processes and the do-nothing alternative. The existing location is considered suitable for the development. SERCL are attempting to improve the recycling infrastructure at the site to maximise the volumes of material recycled and minimise landfilling, as required by National and EU Policy. Other favourable alternatives such as waste prevention and energy recovery are not considered to be options open to the Company at the present time. The do-nothing alternative is considered less favourable than the present situation.

9. Difficulties encountered in Compiling Specified Information

No difficulties were encountered.

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Rialtas Áitiúil
Local Government

WEXFORD COUNTY COUNCIL

Local Government (Water Pollution) Acts, 1977 and 1990

Notification of Grant of Discharge Licence with Conditions.

Comhairle Chontae
Loch Garman

Wexford County Council
County Hall
Wexford

Tel: 053 76500

Fax: 053 43406

Email: postmaster@wexfordcoco.ie

Reference No. SS/S047/02 To. Sewmar Ltd.,
T/A South East Recycling Company Ltd.,
"Carrigbawn",
Pembrokestown,
Wexford.

In pursuance of the powers conferred on it by the above mentioned Acts, the Council of the County of Wexford has ordered, by Manager's Order, dated 15th August, 2005, that notification of a grant of discharge licence, with conditions, be issued to Sewmar Ltd., T/A South East Recycling Company Ltd., "Carrigbawn", Pembrokestown, Wexford, in respect of application reference no. SS/S047/02, for the discharge of trade effluent to the public sewer.

If there is no appeal against this notification of grant, your discharge licence application will be granted in accordance with the terms of this notification after the expiration of the period within which an appeal may be made to An Bord Pleanála. (See footnote).

Water Services Department,
County Hall,
Wexford.

Signed on behalf of the said Council

ms

OC Boyle

County Secretary.

Dated this 19th day of August, 2005.

Note:

An appeal against a decision of a licensing authority may be made to An Bord Pleanála under the provisions of Section 8 (in respect of discharge to waters) and Section 20 (in respect of discharge to sewers), as amended, of the Local Government (Water Pollution) Acts, 1977 and 1990.

Any person may appeal at any time within the period of one month beginning on the date of the grant or refusal of a licence.

Appeals should be addressed to the Secretary, An Bord Pleanála, 64, Marlborough Street, Dublin 1 and will be invalid unless accompanied by the appropriate fee.

An appeal shall:-

- (a) Be made in writing;
- (b) State the subject matter of the appeal and;
- (c) State the grounds of the appeal.

Detailed information on the Regulations concerning appeals is available in S.I. No. 271 of 1992.

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Sewmar Ltd
(t/a South East Recycling Ltd)

Discharge Licence to Sewer

SS/S047/02

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WEXFORD COUNTY COUNCIL
RECEIVED
17 AUG 2005
ENVIRONMENTAL SECTION
REFER TO

CONDITIONS AND SCHEDULES

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CONDITIONS

CONDITION 1: SCOPE

- 1.1 The activity Truck washing & Bin washing of residual waste shall be controlled, operated and maintained such that the conditions attached to this licence are complied with.
- 1.2 No alterations to, or reconstruction in respect of the activity or any part thereof which would or is likely to result in material change or increase in:
- The nature or quantity of the effluent,
 - The treatment system or any changes in:
 - The site management and control with adverse environmental significance shall be carried out or commenced without prior notice to and without the prior written agreement of Wexford County Council.
- 1.3 This licence is for the purpose of licensing discharges to sewers as defined in the Local Government (Water Pollution) Act, 1977 and Local Government (Water Pollution) (Amendment) Act, 1990 and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.4 Any reference in this licence to 'site' shall mean the plan area included in the site plan submitted by the licensee (SS/S047/02).
- 1.5 The facility and any associated effluent treatment systems shall remain in the ownership of the applicant. In the event of transfer of ownership the Licensee shall notify Wexford County Council of such a transfer within one month of transfer.

Reason: To clarify the scope of this licence.

CONDITION 2: NOTIFICATION AND RECORD KEEPING OF INCIDENTS

- 2.1 The licensee shall notify Wexford County Council by telephone and facsimile/email, if available, as soon as practicable after the occurrence of any of the following:
- a) Any unscheduled emissions or any emission, which does not comply with terms of this licence.
 - b) Any incident with the potential for environmental contamination of surface or groundwater or requiring an emergency response from Wexford County Council.
 - c) Any malfunction of control equipment that is likely to lead to loss of control of any treatment system.
- 2.2 The licensee shall include as part of the notification, date and time of the incident, details of the occurrence and the steps taken to minimise the emissions and avoid recurrence. The licensee shall make a record of any incident as set out in condition 2.1 above.
- 2.3 The licensee shall maintain a written record of all complaints of an environmental nature relevant to licensed emissions. Each such record shall give details of the following:-
- 1) Date and time of complaint.
 - 2) Names and address of complainant (where provided).
 - 3) Details and nature of complaint.
 - 4) Actions taken on foot of the complaint and the result of such action.
 - 5) The response made to each complaint.

Reason: To provide for the notification and record keeping of incidents and to provide for the requirements of the local authority in accordance with Section 14 of the Local Government (Water Pollution) Act 1997.

CONDITION 3: SITE DESIGN AND MANAGEMENT

- 3.1 All trade & domestic effluent from the premises shall be collected and discharged to the public sewer in accordance with Schedule 1.
- 3.2 The applicant shall construct an inspection chamber to the satisfaction of the County Council. Details shall be agreed in writing with the Council's Environment section before installation. (See Condition 4.8)
- 3.3 No overflow or bypass system shall be installed which can allow untreated or partially treated trade effluent to discharge to surface waters.
- 3.4 The foul sewers for trade and domestic effluent under the control of the licensee shall be inspected weekly, and properly maintained at all times. Records to be kept of such inspections and maintenance.
- 3.5 The Licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition on this licence.
- 3.6 The Licensee shall permit authorised persons of the Licencing Authority or its authorised agents or any body having statutory responsibility for Water Pollution Control to inspect, examine and test any works installed in connection with trade and domestic effluent, and to take samples of the trade or domestic effluent.
- 3.7 The total daily volume of effluent discharged to the sewer shall not exceed the quantities outlined in Schedule 1.
- 3.8 In addition to the above, metals or any other toxic substances shall not be present in the effluent in any significant amounts, which would be likely to have adverse effects on the environment, or in such quantities as to result in a breach of any water quality standard. In addition to the above limiting concentrations, fats, oils and grease and other components shall not be present in the treated discharge effluent except in accordance with emission limit values.

Reason: To make provision for management of the activity and maintenance of effluent treatment equipment.

CONDITION 4: EMISSIONS TO SEWERS OF TREATED EFFLUENT

- 4.1 Effluent shall include:
- a) Domestic and sewage effluent
 - b) Effluents from any works, apparatus, plant or drainage pipe discharging from the premises used for the carryout of any trade or industry outlined in application SS/S047/02.
- 4.2 There shall be no other emissions to sewer of environmental significance. All effluent treatment equipment shall be provided on site and shall operate in accordance with emission limit values of Schedule 1 - Emissions to Sewer.
- 4.3 No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.
- 4.4 The licensee shall ensure that the effluent discharge shall not contain petroleum spirits or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.
- 4.5 The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.
- 4.6 No substance shall be present in such concentrations as would constitute a danger to sewer maintenance personnel, or sewer fabric or to the liberation of by-products which may be of environmental significance or interfere with the operations of a wastewater treatment works.
- 4.7 No substance shall be present in such concentration as would interfere with the operation of the wastewater treatment plant.

Monitoring Facilities

- 4.8 The Licensee shall provide and at all times maintain in good working condition a readily and safely accessible monitoring chamber at the outfall of the trade effluent to sewer. The chamber floor shall be at least 225mm lower than the invert levels of the chamber's inlet and outlet pipes. This sampling point shall be accessible at all times from the public highway. This chamber shall incorporate:
- a) Automatic flow measurement equipment, which shall continuously indicate, integrate, and record the cumulative daily flow in m³.
 - b) A manual sampling point, which shall be suitable for sampling the effluent in an accessible position.

The immediate area of sampling chamber shall have safe access and be maintained free of excess plant growth/debris.

- 4.9 The Licensee shall carry out monitoring of its effluent prior to discharge to Sewers in accordance with Schedule 2.
- 4.10 Where it comes to the attention of the licensee that a breach has or is likely to occur in relation to their licence he/she shall notify the licensing Authority by facsimile, e-mail and telephone (details listed in Contact Details). The licensee shall initiate an investigation into the possible causes of the breach. Immediate action to be taken to prevent further discharge from the premises until such time as the cause of the breach has been rectified. Further analysis to be carried out on the discharge and a report furnished to Wexford County Council.
- 4.13 A breach of licence condition notification shall include date and time of incident, details of occurrence, procedure for taking of corrective action to minimise and avoid re-occurrence. The licensee shall keep records of all incidents.
- 4.14 The Licensee shall keep records of all monitoring carried out and shall retain all summary reports of the records for a period of three years. These records shall be available for inspection at all reasonable times by authorised personnel of the Licensing Authority or its authorised agents or by any body having statutory responsibility for Water Pollution Control.
- 4.15 All monitoring results above shall be submitted to Wexford County Council as per Schedule 3- Recording and Reporting. Returns can be made by
- (a) electronic mail or
 - (b) Hard copy
- 4.16 The Licensing Authority shall reserve the right at any time to increase or decrease the frequency of sampling and analyses required.

- 4.17 All sampling and analysis specified in Schedule 2 – Monitoring of Emissions to Sewer shall be carried out for the licensee by a laboratory approved by Wexford County Council. The licensee shall provide the name and address of this laboratory to Wexford County Council within one month of the date of grant of licence.
- 4.18 All costs incurred in specified sampling and analysis shall be borne by the licensee, as shall all regulatory sampling and analysis carried out by or on behalf of Wexford County Council in accordance with charges detailed in Schedule 4 – Effluent Monitoring and Administrative Charges. An annual administration charge in accordance with in Schedule 4 – Effluent Monitoring and Administrative Charges shall be payable by the licensee. Charges shall be paid by the licensee to Wexford County Council on the 31st January of every year thereafter, except for the first year of issue of the licence where charges are to be apportioned from the date of issue of the licence to the 31st January of the subsequent year.
- 4.19 Authorised officers of Wexford County Council or its agents, and persons having responsibility for water pollution control reserve the right to take whatever additional samples for analysis considered appropriate. The licensee shall reimburse Wexford County Council or its agents on demand for the costs of such sampling and analysis, which shall be in accordance with Schedule 4 – Trade Effluent Monitoring and Administrative Charges.

Reason: By way of control, inspection and monitoring of emissions to provide for the protection of the environment.

CONDITION 5: SURFACE WATER (STORM WATER)

- 5.1 Under no circumstances shall trade or domestic effluent or contaminated storm water be permitted to discharge to any storm water pipeline.
- 5.2 The licensee shall ensure that only uncontaminated surface water is discharged to a surface water drain.
- 5.3 In the event that any analysis or observation made on the quality or appearance of surface water runoff should indicate that contamination has taken place, the licensee shall:
- i. Carry out an immediate investigation to identify and isolate the source of contamination.
 - ii. Put in place measures to prevent further contamination and to minimise the effects of any contamination on the environment.
 - iii. Notify Wexford County Council (Environment Section) as soon as practicable.

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Reason: To provide for the protection of the environment.

CONDITION 6: CONTRIBUTIONS

- 6.1 The Licensee shall pay the Licensing Authority such annual contributions towards the costs of monitoring the effluent discharge as the Authority considers necessary, as outlined in Schedule 4 for the performance of its duties under the Local Government (Water Pollution) Acts, 1977 and 1990, as follows:
- (a) The contribution as set out in Schedule 4 shall be index linked with the Consumer Price Index, based on the Index value for **March 2005** and the Index value for the month preceding the due date for payment of each annual contribution. This contribution shall be paid within two months of the due date for each year. The contribution shall fall due on 31st January of each year
 - (b) Notwithstanding the above, the Licensing Authority shall at all times reserve the right to alter the annual rate of contribution, having regard to actual monitoring requirements and costs of monitoring.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

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SCHEDULE 1 - EMISSIONS TO SEWER

Emission to: Discharge to public sewer at Pembrokestown Co-ordinates 303871
119583

**SCHEDULE 1A
Trade Effluent Emitted to Sewer**

Parameter	Unit of Measurement	Emission Limit
	mg/l	400
	mg/l	1500
	mg/l	500
	°C	30
	-	6-9
	Mg/l Cl	250
	mg/l SO4	250
	mg/l	30
	mg/l	0.025
	mg/l	0.005
	mg/l	0.5
	mg/l	.005
	mg/l	.005
	mg/l	0.1
	mg/l	.008
	mg/l	.010

SCHEDULE 1B
Continuous Monitoring of Trade Effluent Emitted to Sewers

[REDACTED]	m ³ /day	40 m ³ /day
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SCHEDULE 2 – MONITORING OF EMISSIONS TO SEWER

Monitoring Points:

Sampling Chamber for trade effluent prior to entry to sewer.

Non-Continuous Monitoring of Trade Effluent Emitted to Sewers

Control Parameter	Monitoring Frequency	Analysis Method/Technique	Sampling Method
BOD ₅	Quarterly	Standard Method	Grab Sample
Chemical Oxygen Demand	Quarterly	Standard Method	Grab Sample
Suspended Solids	Quarterly	Standard Method	Grab Sample
Temperature	Quarterly	Standard Method	Grab Sample
pH	Quarterly	Standard Method	Grab Sample
Sulphate	Quarterly	Standard Method	Grab Sample
Chloride	Quarterly	Standard Method	Grab Sample
Oil and Grease	Quarterly	Standard Method	Grab Sample
Ammonia Nitrogen	Quarterly	Standard Method	Grab Sample
Maximum Daily Allowance	Daily	Standard Method	Continuous Sample

SCHEDULE 3 - RECORDING AND REPORTING

Control Parameter	Submission of Results
Maximum Daily Allowance	Within four weeks of sample taking
Maximum Daily Allowance	With Chemical monitoring returns

GLOSSARY OF TERMS

Activity:	Truck washing & Bin washing of residual waste.
Annually:	Before 31 st January of each calendar year for the proceeding year.
B.O.D.₅:	5 day Biochemical Oxygen Demand.
C.O.D.:	Chemical Oxygen Demand.
Date of Licence:	One month after notice of decision by Wexford County Council to grant a licence or date of decision by An Bord Pleanala in the event of an appeal by the licensee and/or third party.
Effluent Treatment System:	All equipment used to treat and monitor effluent.
Foul Sewerage System:	All pipelines, tanks etc used to convey contaminated liquids to the effluent treatment plant.
Licensing Authority	Wexford County Council
Licensee:	Sewmar Ltd T/A South East Recycling Co Ltd
Monthly intervals.	At least 12 times per year at approximately monthly intervals.
pH:	The negative logarithm of the hydrogen ion concentration of a solution and it is thus a measure of the whether the solution is acid or alkaline.
Population Equivalent:	1 p.e. (population equivalent) means the organic biodegradable load having a five-day biochemical oxygen demand (B.O.D. ₅) of 60 g of oxygen per day.
Quarterly:	Once during a continuous distinct period of three months with a minimum interlude between monitoring of 8 weeks.
Standard Methods:	As detailed in "Standard Methods for the Examination of Water and Wastewater", 19 th Edition.
TON:	Total Oxidised Nitrogen – the sum of the nitrate and nitrite contents of a solution.
Twice Yearly:	At least 2 times per year at approximately 6 month intervals

18.5 Copy of Property Lease Agreement for Ormonde Waste –
Wexford Site

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MEMORANDUM OF AGREEMENT made the 6th day of September 2004

BETWEEN:

DESMOND MERNAGH and KATHLEEN MERNAGH of Pembrokestown, Wexford (hereinafter collectively called "the Landlord" which expression shall where the context so admits or requires include his executors, administrators and assigns)

AND

SEWMAR LIMITED and SOUTH EAST RECYCLING LIMITED having its registered office at Carrigbawn, Pembrokestown, Co Wexford (hereinafter collectively called "the Tenant" which expression shall include its successors and assigns).

The Premises: Waste Storing and Sorting Facility at Carrigbawn, Pembrokestown, County Wexford as more particularly delineated on the map attached hereto and thereon outlined in

Permitted User: The storing and sorting of waste and ancillary office use (subject to the Tenant at all times hold the necessary Licences and permits from the relevant governmental or other agency or body except to the extent that such Licences and permits are required but do not exist for the existing user of the Premises in each case as of the date hereof).

Term of the Lease: 7 years from 3 September 2004 to 2 September 2011 (subject to Special Condition 16)

Rent Payable:

Manner Payable:

WHEREBY the Landlord agrees to let and the Tenant agrees to take the Premises for the term and the rent details of which are as set out above and the Tenant agrees to pay the amount of rent and other payments in the manner and at the times described herein and each of the said parties further agree and accept the terms and conditions on their respective parts to be observed and performed and which are set out in the special and general conditions attached to this Agreement.

Signed: [Signature] Landlord

Signed: [Signature] Tenant

Witness: [Signature]

Witness: [Signature]

Address: IFSC Dublin 1

Address: Wellington Quay Dublin 2

M-790020-3

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18.6 Copy of Current Waste Licence No. 111-1

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Headquarters,
P.O. Box 3000,
Johnstown Castle Estate
County Wexford, Ireland

WASTE LICENCE

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Waste Licence Register Number:	111-1
Licensee:	South East Recycling Co. Ltd.
Location of Facility:	South East Recycling Centre, Carrigbawn, Pembrokestown, Wexford.

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Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence any emissions from the activity will comply with and not contravene any of the requirements of Section 40(4) of the Waste Management Act, 1996.

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant, all submissions and objections received and the reports of its inspectors.

Part I: Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Environmental Protection Agency (the Agency), under Section 40(1) of the said Act hereby grants this Waste Licence to South East Recycling Co. Ltd., to carry on the waste activities listed below at South East Recycling Centre, Carrigbawn, Pembrokestown, Wexford subject to eleven conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

Licensed waste disposal activities, in accordance with the Third Schedule of the Waste Management Act, 1996

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule. This activity is limited to handling of the non-recyclable portion of skip waste at the facility prior to transport for disposal at landfill and also subject to expansion at the facility compaction of waste prior to transport for disposal to landfill.
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced. This activity is limited to the storage of waste at the facility prior to transport for disposal at landfill.

Licensed waste recovery activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996

Class 2.	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes): This activity is limited to the segregation of waste wood at the site prior to transport for re-use and also processing of plastics.
Class 3.	Recycling or reclamation of metals and metal compounds: This activity is limited to the removal of steel and other metals from commercial and industrial skip waste and construction and demolition waste at the site for recycling and also to recycling of aluminium cans.
Class 4.	Recycling or reclamation of other inorganic materials: This activity is limited to processing of glass at the site prior to transport for recycling.
Class 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: This activity is limited to the storage of wastes on site prior to recycling or reclamation activities.

INTERPRETATION

Act	The Waste Management Act, 1996 (No. 10 of 1996).
Adequate lighting	20 lux measured at ground level.
Agency	Environmental Protection Agency
Agreement	Agreement in writing.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
Application	The application by the licensee for this waste licence, including any other material submitted to the Agency in writing by the licensee between the date of the application and the date of grant of this licence.
Annually	All or part of a period of twelve consecutive months.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
BATNEEC	Best Available Technology Not Entailing Excessive Cost
Bi-annually	All or part of a period of six consecutive months.
Biodegradable waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food and garden waste, and paper and paperboard.
Bund	A structure to provide containment for any loss of liquid from a storage tank and associated pipework. The Agency's Landfill Design Manual (draft) sets forth design criteria.
Commercial waste	As defined in Section 5 (1) of the Act.
Condition	A condition of this licence: In any case where this licence refers to a numbered condition, the reference shall be taken to mean the condition and any sub-condition therein which the context of the reference requires that reference is made to
Containment boom	A boom which can contain spillages and prevent these from entering drains or watercourses.
Daily	Consecutive 24 hour periods
Day	A period from 0000 hours to 2400 hours.
Daytime	0800 hrs to 2200 hrs.
Documentation	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence
Drawing	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.

EIS	Environmental Impact Statement
Emission	As defined in Section 5 (1) of the Act.
Emission Limit Value	Those limits, including concentration limits and deposition levels established in Schedule F.
Environmental Pollution	As defined in Section 5 (1) of the Act.
European Waste Catalogue (EWC)	The EWC is a harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 94/3/EC and any subsequent amendment published in the Official Journal of the European Community.
Facility	That area or areas defined under Condition 1.2
Fugitive Dust	Non-point source dust emissions. For example, dust from vehicular movements on yards.
Green waste	Waste wood, plant matter and other vegetation.
Hazardous Waste	As defined in Section 4 (2) of the Act.
Household Waste	As defined in Section 5 (1) of the Act.
Incident	Any reference to an incident in this licence means an incident as defined in Condition 3.1.
Industrial waste	As defined in Section 5 (1) of the Act.
Inert waste	Waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater.
Licence	A Waste Licence issued in accordance with the Act.
Licensee	South East Recycling Co. Ltd.
Liquid Waste	Any waste in liquid form and containing less than 2% dry matter
Maintain	Keep in a fit state, including such regular inspection, servicing and repair as may be necessary to adequately perform its function.
Monthly	At least 12 times per year, at approximately monthly intervals.
Municipal Waste	Municipal waste as defined in Section 5 (1) of the Act.
Night-time	2200 hrs to 0800 hrs.
Noise Sensitive Location (NSL)	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the

absence of noise at nuisance levels.

Non-hazardous waste	Non-Hazardous Waste is any waste, which is not a hazardous waste as defined in the Act.
Oil Separator	Device installed according to the draft European Standard prEN 858 (Installations for the separation of light liquids, e.g. oil and petrol).
Putrescible waste	Waste which is readily biodegradable such as vegetable matter, green waste, etc.
Quarterly	A period of three calendar months, the first period of which commences on the date of grant of this licence
Recovery	As defined in Section 4 (4) of the Act.
Recycling Bring Bank	Individual stand-alone units within a neighbourhood civic amenity site, recycling bring scheme, etc.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments
Sanitary Authority	Wexford County Council
Sludge	The accumulation of solids resulting from chemical coagulation, flocculation and/or sedimentation after water or wastewater treatment.
Specified Emissions	Those emissions listed in Schedule F of this licence.
Specified Engineering Works	Those engineering works listed in Schedule D of this licence.
Submit	Unless the context of this licence indicates otherwise, submit to the Agency in writing for agreement
Trigger Level	A parameter value which when achieved or exceeded requires certain actions to be taken.
Waste	As defined in Section 4(1) of the Act.
Waste disposal activity	Includes the activities referred to in Section 4 of the Act and listed in the Third Schedule thereto.
Waste recovery activity	Includes the activities referred to in Section 4 of the Act and listed in the Fourth Schedule thereto.
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.
White Goods	Refrigerators, cookers, ovens and other similar appliances.
Working Day	As per those hours set out in Condition 5.9 with an additional hour after the end of waste acceptance.

Part II: CONDITIONS

CONDITION 1 SCOPE

- 1.1 Waste activities at the facility shall be restricted to those listed and described in Part I: Activities Licensed and required by this licence.
- 1.2 Waste activities shall be restricted to the area of land outlined in red on Figure B.2.2 "Site Plan" of the application. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.3 Every plan, programme or proposal submitted to the Agency for agreement pursuant to any condition of this licence shall include a proposed timescale for its implementation. The Agency may modify or alter any such plan, programme or proposal in so far as it considers such modification or alteration to be necessary. Every plan, programme or proposal shall be carried out within the timescale fixed by the Agency but shall not be undertaken without the agreement of the Agency.
- 1.4 This licence is for the purposes of waste licensing under the Waste Management Act 1996 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.5 Where the Agency considers that a non-compliance with the Conditions of this licence has occurred, it may serve a notice on the licensee specifying:
 - a) that only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice;
 - b) that the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice; and,
 - c) that the licensee shall carry out any other requirement specified in the notice.

When the notice has been complied with, the licensee shall provide written confirmation that the requirements of the notice have been carried out. No waste, other than that which is stipulated in the notice, shall be accepted at the facility until written confirmation is received from the Agency that the notice is withdrawn.

Reason: To clarify the scope of this licence.

CONDITION 2 MANAGEMENT OF THE ACTIVITY

2.1 Environmental Management System

2.1.1 The licensee shall within eighteen months from the date of grant of this licence, submit to the Agency for its agreement a proposal for a documented Environmental Management System (EMS) for the facility. Following the agreement of the Agency, the licensee shall establish and maintain such a system. The EMS shall be updated on an annual basis with amendments being submitted to the Agency for agreement.

2.1.2 The EMS shall include as a minimum those elements specified in the Conditions 2.2 to 2.7 below:

2.2 Schedule of Environmental Objectives and Targets

2.2.1 The licensee shall, within twelve months from the date of grant of this licence, submit to the Agency for its agreement a Schedule of Objectives and Targets. The objectives should be specific and the targets measurable.

2.2.2 The Schedule shall address a five year period as a minimum and shall be reviewed and submitted annually to the Agency for its agreement.

2.3 Environmental Management Programme

2.3.1 The licensee shall, within twelve months from the date of grant of this licence, submit to the Agency for its agreement an Environmental Management Programme (EMP). The EMP shall include a time-scale for achieving the Schedule of Objectives and Targets and shall comply with any other guidance issued by the Agency.

2.3.2 The EMP shall include, as a minimum, the information specified in Schedule A: Content of the Environmental Management Programme. The EMP shall be reviewed and submitted to the Agency for its agreement annually.

2.4 Corrective Action

2.4.1 Within six months of the date of grant of this licence, the licensee shall establish and maintain written Corrective Action Procedures to ensure that corrective action is taken should specified requirements to this licence not be fulfilled.

2.5 Awareness and Training

2.5.1 Within six months of the date of grant of this licence, the licensee shall establish and maintain Awareness and Training Procedures for identifying training needs and for providing appropriate training, for personnel whose work is related to the licensed facility. Written records of training shall be maintained.

2.6 Management Structure

2.6.1 Within three months from the date of grant of this licence, the licensee shall submit written details of the management structure of the facility for the agreement of the Agency. Any subsequent changes in the management structure shall be submitted in writing to the Agency for its prior agreement.

Written details of the management structure shall include the following information:

- a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence;
- b) details of the responsibilities for each individual named under a) above;
- c) details of the relevant experience, competence and qualifications held by each of the persons nominated under a) above; and
- d) contingency arrangements for the absences of the named persons from the facility.

2.7 Communications

2.7.1 Within twelve months from the date of grant of this licence, the licensee shall submit for agreement to the Agency a Communications Programme to ensure that members of the public can obtain information concerning the environmental performance of the facility at all reasonable times.

2.7.2 The Civic Waste Facility shall be supervised at all times during hours of waste acceptance.

2.8 Annual Environmental Report

2.8.1 The licensee shall submit to the Agency for its agreement, within thirteen months from the date of grant of this licence, and within one month of the end of the year thereafter, an Annual Environmental Report (AER).

2.8.2 The AER shall include as a minimum the information specified in Schedule B: Content of Annual Environmental Report and shall be prepared in accordance with any relevant written guidance issued by the Agency.

2.9 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a suitably qualified and experienced deputy shall be present at all times during the operation of the facility.

2.10 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required and shall be aware of the requirements of this licence.

Reason: *To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.*

CONDITION 3 NOTIFICATION AND RECORD KEEPING

3.1 The licensee shall make written records of the following incidents:

- a) any nuisance caused by the activity
- b) any emission which does not comply with the requirements of this licence;
- c) any trigger level specified in this licence which is attained or exceeded;

- d) any indication that environmental pollution has, or may have, taken place; and
 - e) any emergency.
- 3.2 The written record shall include all aspects described in Condition 10.7(a-e).
- 3.3 Unless otherwise instructed in writing by the Agency, the licensee shall:
- a) notify the Agency by telephone, and by facsimile if available, as soon as practicable and in any case not later than 10.00 am the following working day after the occurrence of any incident;
 - b) submit the written record required by this condition to the Agency as soon as practicable and in any case within five working days after the occurrence of any incident; and
 - c) in the event of any incident which relates to discharges to surface water, notify the Eastern Regional Fisheries Board as soon as practicable and in any case not later than 10:00am on the following working day after such an incident.
- 3.4 Should any further actions be taken after the date of written notification, as a result of an incident occurring, the licensee shall forward a written report of those actions to the Agency as soon as practicable and no later than ten days after the initiation of those actions.
- 3.5 Unless otherwise agreed by the Agency, all documentation submitted to the Agency shall:
- (a) be sent to the Agency's headquarters;
 - (b) comprise one original and three copies;
 - (c) be formatted in accordance with any written instruction or guidance issued by the Agency;
 - (d) include whatever information as is specified in writing by the Agency;
 - (e) be identified by a unique code, indicate any modification or amendment, and be correctly dated to reflect any such modification or amendment;
 - (f) be submitted in accordance to the relevant reporting frequencies specified by this licence; and
 - (g) in the case of results of any environmental monitoring, be accompanied by a written interpretation setting out their significance.
- 3.6 Copies of all environmental monitoring data obtained by the licensee which relates to the facility shall be forwarded to the Agency at the frequencies set out in Schedule C to this licence.
- 3.7 All documentation and records required to be made under this licence, shall be retained by the licensee unless otherwise agreed with the Agency.
- 3.8 The licensee shall provide additional copies of any documentation and records referred to in this licence to the Agency upon written request, within the time specified in writing by the Agency.
- 3.9 The licensee shall keep the following documents at the facility office referred to in *Condition 4.5*.
- a) the current waste licence relating to the facility;

- b) the current EMS for the facility;
 - c) the previous year's AER for the facility;
 - d) all written procedures produced by the licensee which relate to the licensed activities.
- 3.10 The licensee shall maintain a written record, or a record in a format to be agreed with the Agency, for each load of waste arriving at and departing from the facility. The licensee shall record the following:
- a) the date;
 - b) the name of the carrier (including if appropriate, the waste carrier registration details);
 - c) the vehicle registration number;
 - d) the name of the producer(s)/collector(s) of the waste as appropriate;
 - e) a description of the waste including the associated EWC codes;
 - f) the quantity of the waste accepted at or removed from the facility, recorded in tonnes (or an estimate, prior to the installation of the weighbridge required by Condition 4.8);
 - g) the name of the person checking the load; and
 - h) in the event of waste departing from the facility, the destination of the load.
- 3.11 The licensee shall assign and clearly label a unique reference code to each container at the site. In addition, subject to *Condition 5.2*, the following shall be recorded for municipal waste accepted at the facility:
- a) the start time at which filling a container with compacted waste commenced;
 - b) the time at which the container was closed;
 - c) the time at which the container was removed from the facility; and
 - d) the total number of containers being stored overnight on a daily basis.
- 3.12 The licensee shall keep a written record of each consignment of foul water removed from the facility. The record shall include the following:
- a) the name of the carrier;
 - b) the date and time of removal of foul water from the facility;
 - c) the volume of foul water, in cubic metres, removed from the facility on each occasion;
 - d) the name and address of the Wastewater Treatment Plant to which the foul water was transported;
 - e) any incidents or spillages of foul water during its removal or transportation.
- 3.13 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:
- a) date and time of the complaint;
 - b) the name of the complainant;
 - c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,
 - e) the response made to each complainant.

- 3.14 Provision shall be made for the transfer of environmental information specified by the Agency, in relation to the activities carried on under this licence, to the Agency's computer system within a timescale specified in writing by the Agency.

Reason : To provide for the notification of incidents, to update information on the activity and to provide for the keeping of records.

CONDITION 4 SITE INFRASTRUCTURE

- 4.1 The licensee shall establish all infrastructure referred to in this licence or as instructed by the Agency.
- 4.2 Site Notice Board
- 4.2.1 Within *three months* of the date of grant of this licence, the licensee shall provide and maintain a Site Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the identification board shall be 1200 mm by 750 mm.
- 4.2.2 The board shall clearly show:
- the name and telephone number of the facility;
 - the normal hours of opening;
 - the name, address and telephone number of the licence holder;
 - an emergency out of hours contact telephone number;
 - the name, address and telephone number of the operator of the facility;
 - the licence reference number;
 - where and when environmental monitoring information relating to the facility can be obtained.
- 4.3 Site Security
- 4.3.1 Within six months of the date of this licence the licensee shall provide and maintain security fencing and gates as described in Section 3.2.1.1 Security Arrangements of EIS received as part of the application, unless otherwise agreed with or instructed by the Agency.
- 4.3.2 The licensee shall remedy any defect in the gates and/or fencing as follows:
- a temporary repair shall be made by the end of the working day; and
 - a repair to the standard of the original gates and/or fencing shall be undertaken within three working days or as otherwise agreed with the Agency.
- 4.3.3 Gates shall be locked shut when the facility is unsupervised. Adequate provision for access to the facility in the event of an emergency shall be made.
- 4.4 Site Roads and Hardstanding
- 4.4.1 Within twelve months of the date of this licence the licensee shall upgrade and maintain the access road in accordance with Section 3.2.1.2 Design of Site Roads received as part of the application and as detailed on Drawing No. 96113/10A – Site Layout unless otherwise agreed with the Agency.
- 4.4.2 Within six months of the date of grant of this licence, unless otherwise agreed with the Agency, the licensee shall ensure that all facility areas used in relation to

the activities licensed are surfaced in concrete to British Standard 8110, or to an equivalent standard agreed with the Agency.

- 4.5 The licensee shall provide and maintain an office on or adjacent to the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 4.6 The licensee shall provide and maintain a working telephone and facsimile machine in the office specified in Condition 4.5 above.
- 4.7 Waste Quarantine Area
- 4.7.1 A waste quarantine area shall be provided and maintained at the facility within nine months of the date of grant of this licence. The location of this area shall be agreed in advance with the Agency. The licensee shall ensure that this area shall be constructed and maintained in a manner suitable and be of a size appropriate for the inspection of waste and subsequent quarantine if required.
- 4.8 Weighbridge
- 4.8.1 A weighbridge shall be provided at the facility within three months of the date of grant of this licence. The location of the weighbridge shall be agreed in advance with the Agency.
- 4.8.2 The weighbridge shall be maintained in such condition as to accurately measure the weight of all vehicles using it.
- 4.9 Cleaning Facilities
- 4.9.1 Cleaning facilities for vehicles and containers shall be provided and maintained at the facility within three months of the date of grant of this licence such that all washings from the cleaning operations are re-circulated. The system(s) shall be desludged as necessary and properly maintained at all times.
- 4.9.2 The location and details of these facilities shall be agreed in advance with the Agency.
- 4.10 Facility Layout
- 4.10.1 The Recycling Centre and Segregation Transfer Station, the Construction Waste Segregation Area, parking areas for truck and on-site vehicles, bunded fuel storage areas, the wastewater treatment system and attenuation pond shall be located further north-west than is proposed in the application subject to agreement of the Agency.
- 4.10.2 Within three months of the date of grant of this licence the licensee shall provide an embankment to provide effective screening of the facility and to control noise emissions from the facility between the existing Waste Transfer/Recycling Building and the site boundary to the south-east of the facility.
- 4.11 Storage Areas
- 4.11.1 Within three months of the date of grant of this licence the licensee shall submit to the Agency for its agreement a drawing detailing the areas designated for waste storage.
- 4.11.2 Within six months of the date of grant of this licence the licensee shall provide and maintain a bunded fuel storage area(s) at the facility for the storage of all fuels referred to in Section 3.2.1.6 of the EIS submitted as part of the application,

unless otherwise agreed with the Agency. The location of the auto diesel storage area shall be agreed with the Agency in advance.

- 4.11.3 Prior to the construction of the above bunded fuel storage area(s), fuel stored on site shall be held in a temporary bunded storage area to be agreed with the Agency.
- 4.11.4 Skip storage areas shall be located as shown in Drawing No. Figure 3.1.3 – Proposed Site Layout of the application and bunded and maintained in accordance with Conditions 4.11.5 – 4.11.9, unless otherwise agreed with the Agency.
- 4.11.5 All tank and drum storage areas shall be rendered impervious to the materials stored therein. In addition, tank and drum storage areas shall, as a minimum be bunded, either locally or remotely, to a volume not less than the greater of the following
- a) 110% of the capacity of the largest tank or drum within the bunded area; or
 - b) 25% of the total volume of substance which could be stored within the bunded area.
- 4.11.6 All drainage from bunded areas shall be diverted for collection and safe disposal.
- 4.11.7 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- 4.11.8 The integrity and water tightness of all bunds and tanks and their resistance to penetration by water or other materials stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency following its installation and prior to its use. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. The licensee shall also submit to the Agency for its agreement in each case a written report on the storage of fuels on site. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.
- 4.11.9 All tanks and containers shall be labelled to clearly indicate their contents.

4.12 Foul Water / Effluent / Drainage

- 4.12.1 Within eighteen months of the date of grant of this licence the licensee shall provide and maintain a wastewater treatment system to cater for sewage and foul water arising on the facility. This system shall be in accordance with the guidance document *Wastewater Treatments Manuals – Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (EPA, 1999)*.

The existing septic tank system shall be decommissioned within three months of the commissioning of the above mentioned system.

- 4.12.2 Within six months of the date of grant of this licence all drainage from the concrete hardstanding areas shall be directed through a Full Retention Class I oil-water interceptor and settlement pond, prior to discharge to surface water, unless otherwise agreed with the Agency. Rainwater run-off from the roofs of the buildings shall be directed to surface water via a separate drainage system.
- 4.12.3 Within six months of the date of grant of this licence the licensee shall provide for the collection of foul water generated in the existing Waste Transfer/Facility Building (including all glass recycling areas) as shown on Drawing No. Figure 3.1.1 – Existing Site Layout. This foul water shall be directed to a holding tank.

- 4.12.4 Within three months of the date of grant of this licence the licensee shall submit to the Agency a drawing of the facility to scale 1:500 showing the proposed upgrading of the surface water drainage system. This drawing shall include a colour coded marking system to distinguish between the various surface and foul drainage systems.
- 4.12.5 The drainage system, bunds and oil separators shall be inspected weekly desludged as necessary and properly maintained at all times. The Class I oil-water interceptor shall be cleaned out at least once every six months. All sludge and drainage from these operations shall be collected for safe disposal. A written record shall be kept of the inspections, desludging, cleaning, disposal of associated waste products, maintenance and performance of the interceptors, bunds and drains. Details of the quantity of materials taken from the interceptors and its disposal shall be submitted to the Agency as part of the Annual Environmental Report.
- 4.12.6 Within nine months of the date of grant of this licence, all foul drains, drainage grids and manhole covers shall be painted with red squares whilst all surface water discharge gullies, drainage grids and manhole covers shall be painted with blue triangles. These colour codes shall be maintained so as to be visible at all times during site operation. Any alterations to the site drainage thereafter shall comply with this colour coding within one week of such alterations.
- 4.12.7 Any proposed changes to the existing surface water regime shall be agreed in advance with the Agency.
- 4.13 Foul Water Holding Tanks
- 4.13.1 Any foul water holding tanks required by this licence shall be fitted with high level visual and aural alarms. The licensee shall carry out visual, wall thickness tests and hydrostatic tests on all holding tanks upon construction and every three years thereafter.
- 4.14 Fire Prevention
- 4.14.1 The licensee shall provide, install and maintain a system for the detection of a fire inside existing facility buildings within nine months of the date of grant of this licence. A written record shall be kept of the inspections, testing and maintenance of this system.
- 4.14.2 Appropriate fire detection systems shall be included in any future infrastructure.
- 4.15 The licensee shall provide and use adequate lighting during the operation of the facility during the hours of darkness.
- 4.16 Specified Engineering Works
- 4.16.1 The licensee shall submit written proposals for all Specified Engineering Works, as defined in Schedule D: Specified Engineering Works, to the Agency for its agreement at least two months prior to the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency.
- 4.16.2 All specified engineering works shall be supervised by a competent person(s) agreed in advance by the Agency and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 4.16.3 Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation. The validation report shall

be made available to the Agency on request. The validation report shall include the following information

- a) a description of the works;
- b) as-built drawings of the works;
- c) records and results of all tests carried out (including failures);
- d) where relevant a drawing and sections showing the location of all samples and tests carried out;
- e) daily records sheets/diary;
- f) name(s) of contractor(s)/individual(s) responsible for undertaking the engineering works;
- g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
- h) records of any problems and the remedial works carried out; and
- i) any other information requested in writing by the Agency.

4.17 Landscape Proposals

4.17.1 Within nine months of the date of grant of this licence, the licensee shall submit to the Agency, for its agreement, landscape planting proposals for boundary screening. These proposals shall include details of (but not limited to):

- a) the time-frame for landscaping works in relation to site development;
- b) species composition and the suitability of the hedge/tree mix for the area;
- c) total area(s) to be planted;
- d) planting method and fertiliser requirement;
- e) tree protection; and
- f) post planting management.

The licensee shall update these proposals when required in writing by the Agency and submit the proposed amendments to the Agency for its agreement.

4.18 The licensee shall engage the services of a professional archaeologist prior to and during the undertaking of any major earthworks at the facility.

4.19 Access Road

4.19.1 Traffic awaiting access to the facility shall queue only along the facility access road.

Reason: To provide for the protection of the environment.

CONDITION 5 WASTE ACCEPTANCE AND HANDLING

5.1. No hazardous waste, asbestos waste, liquid waste or sludges shall be accepted at the facility.

5.2. Waste Types and Quantities

5.2.1. Only those waste types and quantities listed in Schedule G: Waste Acceptance shall be accepted at the facility unless prior agreement of the Agency has been obtained.

5.2.2. Only the following wastes shall be accepted at the proposed Recycling Centre and Segregation Transfer Station for compaction; household waste, commercial waste and industrial non-hazardous waste.

5.2.3. Civic Waste Facility

(a) Only waste for the purposes of recovery shall be accepted; and

(b) Wastes may only be stored in suitable containers.

5.2.4. Unless otherwise agreed with the Agency, municipal waste shall not be accepted at the facility until the infrastructure specified in the application is in place, other than temporary overnight storage in fully enclosed containers.

5.3. Waste Acceptance Procedures

5.3.1. Within six months from the date of grant of this licence, the licensee shall submit to the Agency for its agreement written procedures for the testing, characterisation and acceptance of waste. This procedure shall include provisions for dealing with unacceptable wastes. Procedures for the acceptance of waste at the civic waste facility shall be submitted to the Agency prior to its use.

5.3.2. All commercial and non-hazardous industrial waste must only be accepted at the facility from known customers or new customers subject to initial waste characterisation off-site. The written records of this off-site waste profiling shall be retained by the licensee for all active customers and for a two year period following termination of licensee/customer agreements.

5.3.3. Each load of waste arriving at the transfer station shall be visually inspected prior to unloading in accordance with "Level 3: On-site Verification" outlined in the Agency's Draft Manual on Waste Acceptance. Any wastes deemed to be in contravention of this licence and/or unsuitable for disposal at this facility shall be removed for disposal at an appropriate alternative facility.

5.3.4. The licensee shall within six months of the date of grant of this licence submit a written procedure for the management of unacceptable wastes received at the facility for the agreement of the Agency. This procedure will detail unacceptable waste types, handling procedures, waste quarantine procedures, record keeping and levels of staff responsibility.

All suspect materials identified by the visual inspection of the waste shall be diverted to the Waste Quarantine Area (once installed) or other designated area as agreed in advance by the Agency, for further examination and classification. Materials other than those permitted by this licence shall be submitted to an alternative appropriate facility.

- 5.3.5. There shall be no casual public access to the facility other than to the civic waste facility, when provided (see also Condition 2.7).
- 5.4. All waste shall be processed as detailed in Section 3.2.2.2 of the EIS submitted as part of the application unless otherwise agreed or instructed by the Agency. Any waste deemed unsuitable and/or in contravention of this waste licence, including waste currently stored at the facility, shall be immediately separated and at the earliest possible time removed for recovery or disposal at an appropriate alternative facility.
- 5.5. Within twelve months of the date of grant of this licence all waste activities other than the temporary storage of waste, in accordance with Condition 5.10.2, shall be carried out within fully enclosed buildings.
- 5.6. Waste Compaction, subject to Condition 5.2.2
- 5.6.1. All waste accepted into the proposed Recycling Centre for compaction shall be compacted within 12 hours unless otherwise agreed in advance with the Agency.
- 5.6.2. The licensee shall ensure that the compactor, once installed, is operated and maintained in accordance with the manufacturer's instructions.
- 5.7. At the end of the working day the floor of the facility buildings, work areas and subject to Condition 5.2.2 the hoppers, shall be cleaned of all waste.
- 5.8. Recycling rates of 50% by 31/12/2003 increasing to 85% by 31/12/2012 for construction and demolition waste accepted at the facility shall be achieved, unless otherwise agreed with the Agency:
- 5.9. Waste shall only be accepted at the facility between the hours of 8.00a.m. to 5.30p.m. Monday to Friday inclusive and 8.00a.m. to 1.00p.m. on Saturdays unless otherwise agreed in advance with the Agency.
- 5.10. Storage/Designated Areas
- 5.10.1. No waste shall be stored overnight at the facility in other than designated and, where appropriate, secure storage areas.
- 5.10.2. Apart from wastes stored at the civic waste facility in accordance with Condition 5.2.3, no waste shall be placed or allowed to accumulate outside the facility buildings other than glass, cans and baled cardboard in fully enclosed trailers/containers unless agreed in advance with the Agency.
- 5.10.3. Each designated storage area as referred to in Condition 4.11.1, shall contain only those classes of waste shown thereon.
- 5.10.4. All containers shall be uniquely marked using indelible or other permanent markings to clearly indicate their contents. All previous/ irrelevant markings and or labels shall be removed or obliterated.
- 5.11. Scavenging shall not be permitted at the facility.
- 5.12. Waste sent off-site for recovery/disposal shall only be conveyed to a waste facility, as outlined in Section 3.1 of the EIS included as part of the application, or as otherwise agreed in advance by the Agency. All wastes removed off site for recovery or disposal shall be transported from the facility to the consignee in a manner which will not adversely affect the environment.

Reason: To provide for the acceptance and management of wastes authorised under this waste licence.

CONDITION 6 ENVIRONMENTAL NUISANCES

- 6.1. At all times other than Bank Holiday weekends, all municipal waste for disposal shall be removed from the facility within forty-eight hours of its arrival on site. At Bank Holiday weekends such waste shall be removed from the facility within seventy-two hours of its arrival on site. No other waste for disposal or waste for recovery shall be stored at the facility for longer than six months.
- 6.2. The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by vermin, birds, flies, mud, dust and odours. Written records shall be made of all inspections and any actions taken as a result of these inspections.
- 6.3. The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.
- 6.4. All loose litter accumulated within the facility and its environs shall be removed subject to the agreement of the landowners and appropriately disposed of on a daily basis.
- 6.5. Any waste placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed by the licensee immediately and in any event by 10:00am of the next working day, after such waste is discovered. Such waste shall be disposed of at an appropriate facility.
- 6.6. The licensee shall ensure that all vehicles delivering and removing waste from the facility are appropriately covered and secure, and that there shall be no liquid discharges from the waste transported therein.
- 6.7. Dust Control
- 6.7.1. In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 6.7.2. Water sprinklers shall be operated as and when required for the prevention of dust nuisance.
- 6.8. The licensee shall ensure that vermin, birds, flies, mud, dust and odours do not give rise to nuisance at the facility or the immediate environment of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 6.9. Vermin Control
- 6.9.1. Within three months of the date of grant of this licence, the licensee shall:
- 6.9.1.1. carry out a review of vermin control measures as set out in Section 3.4.9 of the EIS submitted as part of the application; and
- 6.9.1.2. submit a report on this review and any proposed changes to the vermin control measures to the Agency for its agreement.
- 6.9.2. Subject to Condition 5.2 and prior to the acceptance of any municipal waste at the facility for compaction prior to disposal, an assessment of vermin control measures and requirements shall be undertaken and proposals for update thereof shall be forwarded to the Agency for its agreement.
- 6.10. Subject to Condition 5.2 and prior to the acceptance of municipal waste at the facility for compaction prior to disposal, the licensee shall submit to the Agency for its agreement a programme for the assessment and control of odours arising from the facility, unless

otherwise agreed or instructed by the Agency. This programme shall be initiated prior to the acceptance of municipal waste at the facility.

Reason: *To provide for the control of nuisance.*

CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS

- 7.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule F: Emission Limits* of this licence. There shall be no other emissions of environmental significance.
- 7.2. All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.
- 7.3. The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.
- 7.4. Wastewater Treatment
- 7.4.1. The licensee shall maintain a wastewater treatment system in accordance with Condition 4.12.1.
- 7.5. Discharges to Surface Water
- 7.5.1. Discharges to surface water shall only be made at the location shown in Figure 3.6.1 – Proposed Surface Water Monitoring of the EIS submitted as part of the application, unless otherwise agreed with the Agency.
- 7.5.2. There shall be no visible oil in the discharge.
- 7.6. Foul Water Handling
- 7.6.1. Foul water directed to dedicated holding tanks shall be tankered off-site to a wastewater treatment plant subject to Condition 3.12 and any requirements of the wastewater treatment plant operator. The frequency of removal shall be such that a minimum of 10% spare capacity is maintained at all times in the holding tanks.

Reason: *To control emissions from the facility and provide for the protection of the environment.*

CONDITION 8 RESTORATION AND AFTERCARE

- 8.1. A proposal for a Decommissioning Plan for the facility shall be submitted to the Agency within twelve months of the date of grant of the licence. The licensee shall update these schemes when required by the Agency and submit amendments to the Agency for its agreement.

Reason: *To provide for decommissioning of the facility and aftercare of the site on which the facility is located.*

CONDITION 9 ENVIRONMENTAL MONITORING

- 9.1. The licensee shall carry out such monitoring and at such locations and frequencies as set out in Schedule E: Monitoring and as specified in the Conditions of this licence.
- 9.2. Surface Water Monitoring
- 9.2.1. The licensee shall provide, install and maintain within six months of the grant of this licence, a monitoring point for the representative sampling of the surface water discharge from the settlement pond or equivalent required by Condition 4.12.2, unless otherwise agreed with the Agency. A shut-off valve shall be incorporated in the design to stop this discharge when required.
- 9.2.2. Within three months of the date of grant of this licence the licensee shall submit further surface water monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
- 9.3. Dust Monitoring
- 9.3.1. Within three months of the date of grant of this licence the licensee shall submit further dust monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
- 9.3.2. Dust deposition monitoring shall be carried out as specified in Schedule E: Monitoring. The first such monitoring shall be undertaken during the first relevant period following agreement under Condition 9.3.1.
- 9.4. Noise Monitoring
- 9.4.1. Within three months of the date of grant of this licence, the licensee shall submit further noise monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
- 9.4.2. Noise monitoring as specified in Schedule E: Monitoring shall be carried out on a bi-annual basis during operational hours. The first such monitoring shall be undertaken within six months of the date of the grant of this licence.
- 9.4.3. Noise monitoring shall be carried out prior to and following installation of any new waste processing equipment.
- 9.5. Groundwater Monitoring
- 9.5.1. Within three months of the date of grant of this licence, the licensee shall submit locations for groundwater monitoring to satisfy Schedule E: Monitoring, for agreement with the Agency. Use of boreholes BH2 and BH4 are subject to the provision of satisfactory bentonite/cement seals in the well-heads.
- 9.5.2. Groundwater monitoring shall be carried out as specified in Schedule E: Monitoring. The first such monitoring shall be undertaken during the first relevant period following agreement under Condition 9.5.1.
- 9.6. The licensee shall provide safe and permanent access to all on-site and off-site sampling and monitoring points as required by the Agency.
- 9.7. The licensee shall provide and maintain all sampling and monitoring points so that they may be used for the representative sampling and monitoring of emissions from the facility.

- 9.8. Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturer's instructions (if any) so that all monitoring results accurately reflect any emission or discharge or environmental parameter.
- 9.9. The licensee shall amend the frequency, locations, methods and scope of monitoring, sampling, analyses and investigations only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 9.10. A written record shall be kept of the names, qualifications and a summary of relevant experience of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring, unless otherwise agreed with the Agency.
- 9.11. All on-site monitoring points as described in Condition 9.1 shall be labelled in situ with their agreed sampling point codes within nine months of the granting of this licence.
- 9.12. Unless otherwise specified by this licence or agreed by the Agency, all environmental monitoring shall commence no later than two months after the date of grant of this licence.

Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions.

CONDITION 10 CONTINGENCY ARRANGEMENTS

- 10.1. The licensee shall, within six months of the date of grant of this licence, submit a written emergency response procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations, which may originate on the facility, and shall include provision for minimising the effects of any emergency on the environment.
- 10.2. The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 10.3. All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 10.4. No waste shall be burned within the boundaries of the facility. A fire at the facility shall be treated as an emergency. Immediate action shall be taken to extinguish it and the appropriate authorities notified.
- 10.5. The licensee shall carry out a risk assessment to examine the existing arrangements for the storage of fire-water and shall ensure that the requirements at the facility for fire fighting and fire water retention facilities are met. The Chief Fire Officer of Wexford County Council shall be consulted by the licensee during this assessment. Within six months from the date of grant of this licence, the licensee shall submit a report, including recommendations, on the risk assessment to the Agency for its agreement.

In the event that a significant risk is found to exist for the release of contaminated fire-water, the licensee shall, based on the findings of the risk assessment, prepare and implement, with the agreement of the Agency, a suitable risk management programme. The risk management programme shall be fully implemented within the timescale notified in writing by the Agency.

- 10.6. In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the Recycling Centre and Segregation/Transfer Station, once

installed, any putrescible waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the Recycling Centre and Segregation/Transfer Station is returned to a fully operational status. Such a breakdown event shall be treated as an emergency and rectified as soon as possible.

- 10.7. Unless otherwise notified in writing by the Agency in the event that any monitoring, sampling or observations indicate that an incident has, or may have, taken place, the licensee shall immediately:
- a) identify the date, time and place of the incident;
 - b) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission;
 - c) isolate the source of the emission;
 - d) evaluate the environmental pollution, if any, caused by the incident;
 - e) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
 - f) provide a proposal to the Agency for its agreement within one month to:
 - (i) identify and put in place measures to avoid reoccurrence of the incident, and;
 - (ii) identify and put in place any other appropriate remedial action.

Reason: *To provide for the protection of the environment.*

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CONDITION 11 CHARGES AND FINANCIAL PROVISIONS

11.1 Agency Charges

11.1.1 The licensee shall pay to the Agency an annual contribution of £8,277 or such sum as the Agency from time to time determines, towards the cost of monitoring the activity or otherwise in performing any functions in relation to the activity, as the Agency considers necessary for the performance of its functions under the Waste Management Act, 1996. The licensee shall in 2002 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Public Sector Average Earnings Index from the date of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 2001, the licensee shall pay a pro rata amount from the date of this licence to 31st December 2001. This amount shall be paid to the Agency within one month of the date of grant of this licence.

11.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs.

11.2 Financial Provision for Closure, Restoration and Aftercare

11.2.1 The licensee shall arrange for the completion of a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility which will address liabilities arising from the carrying on of the activities to which this licence relates. A report on this assessment shall be submitted to the Agency for agreement within six months of date of grant of this licence.

11.2.2 Within nine months of the date of grant of this licence, the licensee shall make a Proposal for Financial Provision to the Agency for its agreement to cover any liabilities incurred by the licensee in carrying on the activities to which this licence relates. Such provision shall be maintained by the licensee unless otherwise agreed by the Agency.

11.2.3 The amount of financial provision, held under Condition 11.2.2 shall be reviewed and revised as necessary, but at least annually. Any proposal for such a revision shall be submitted to the Agency for its agreement.

11.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under Condition 11.2.2, forward to the Agency written proof of such indemnity.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

SCHEDULE A :Content of the Environmental Management Programme

Environmental Management Programme

Details of Operator

Name and Address of Operator and Site. Included should be contact names in respect of persons with managerial responsibility for site operations, including the facility manager. Relevant telephone numbers should also be given. All relevant drawings should be included in the EMP.

Types of Waste Accepted

A detailed description of the types of waste that can be accepted on the site should be given.

Quantity of Wastes Accepted

Details should be given on the annual quantity of waste taken into the site.

Engineering Details

Details of all significant site engineering works should be included. Where applicable the information should cover:

- fencing, gates and other security
- site access roads and secondary site roads
- offices, fuel stores etc.
- site infrastructure etc.

Operational Matters

These should include:

- description of the operations
- measures for the control of environmental nuisances
- measures for the control of emissions
- site opening and operating times
- access control
- waste acceptance procedures
- procedures for dealing with unacceptable wastes
- equipment to be utilised
- site personnel, including qualifications, duties and responsibilities
- monitoring and maintenance procedures
- trigger levels for emissions
- operational and safety rules (including safety statement)
- emergency procedures

Objectives and Targets

Objectives and targets for improving the environmental performance of the facility shall be detailed. These should include:

- emissions
- resource use
- wastes produced.

Timescale for achieving the objectives and targets listed in the Schedule of Objectives and Targets

Designation of Responsibility for Achieving Targets and Objectives

Other items specified by the Agency

SCHEDULE B :Content of the Annual Environmental Report

Annual Environmental Report Content
Reporting Period.
Waste activities carried out at the facility.
Quantity and Composition of waste received, disposed of and recovered during the reporting period and each previous year and total amount of waste being held at the facility at the time of the report.
Summary report on emissions (Certified results/data sheets to be attached as Appendices)
Summary of results and interpretations of environmental monitoring, including a location plan of all monitoring locations along with their respective 12 digit grid references.
Resource and energy consumption summary.
Report on development works undertaken during the reporting period, and a timescale for those proposed for the coming year.
Schedule of Environmental Objectives and Targets for the forthcoming year.
Report on the progress towards achievement of the Environmental Objectives and Targets contained in previous year's report.
Full title and a written summary of any procedures developed by the licensee in the year which relates to the facility operation.
Tank, drum, pipeline and bund testing and inspection report.
Reported Incidents and Complaints summaries.
Volume of foul water produced and volume of foul water transported/discharged off-site.
Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.
Any other items specified by the Agency.

SCHEDULE C :Recording and Reporting to the Agency

Table C.1 Recurring Reports

Report and Contents	Reporting Frequency ^{Note 1}	Report Submission Date
Environmental Management System Updates	Annually	One month after the end of each year being reported on.
Annual Environmental Report	Annually	One month after the end of each year being reported on.
Records of incidents	As they occur	Within five days of the incident
Specified Engineering Works Reports	As they arise	Prior to the works commencing
Bund, tank and container integrity assessment	Every three years	Six months from the date of grant of licence and one month after end of the year being reported on.
Underground pipe and tank integrity assessment	5 yearly	Eighteen months from the date of grant of licence and one month after end of the year being reported on.
Surface Water Monitoring	Quarterly	Ten days after end of the quarter being reported on.
Noise monitoring	Bi-annually	One month after the completion of the monitoring
Groundwater monitoring	Bi-annually	One month after the completion of the monitoring
Dust monitoring	Three times a year	One month after the completion of the monitoring
Any other monitoring	As they occur	Within ten days of obtaining the results

Note 1: Unless altered at the request of the Agency

SCHEDULE D :Specified Engineering Works

Specified Engineering Works

Installation of site security infrastructure.
Installation/development of site roads.
Development of waste storage and processing areas.
Installation of sumps or other drainage controls.
Installation of groundwater control and/or monitoring systems.
Installation of bunded fuel storage areas.
Installation of increased waste processing capacity.
Installation of waste processing or other equipment.
Installation of Waste quarantine area.
Installation of Weighbridge.
Installation of Vehicle and Container Cleaning Facilities.
Installation of Fire Prevention/Control Infrastructure.
Installation of Civic Waste Facility.
Surface/foul water controls.
Installation of screens/embankments or other landscaping proposals.
Holding Tanks
Any other works notified by the Agency.

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SCHEDULE E : Monitoring

Monitoring to be carried out as specified below.

E.1: Dust

Dust monitoring locations shall be those as set out in Table E.1.1 and where relevant shown in Drawing No. – Figure 2.2.1 Location of Dust Monitors of the EIS received as part of the application.

Table E.1.1 Dust Monitoring Locations

STATION
D1
D3
South eastern boundary of facility ^{Note 1}
Eastern boundary of facility ^{Note 1}
Western boundary of facility ^{Note 1}

Note 1: Locations to be agreed subject to Condition 9.3

Table E.1.2 Dust Monitoring Frequency and Technique

Parameter (mg/m ³ /day)	Monitoring Frequency	Analysis Method/Technique
Dust	Three times a year ^{Note 2}	Standard Method ^{Note 1}

Note 1: Standard method VDI2119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute). A modification (not included in the standard) which 2 methoxy ethanol may be employed to eliminate interference due to algae growth in the gauge.

Note 2: Twice during the period May to September, or as otherwise specified in writing by the Agency.

E.2: Noise

Noise monitoring locations shall be those as set out in Table E.2.1 and where relevant shown in Drawing No.s e Figure 2.3.1 Location of Noise Measurements on site and Figure 2.3.2 Location of Noise Measurements around site of the EIS received as part of the application.

Table E.2.1 Noise Monitoring Locations

STATION
N1(or other along eastern boundary of facility ^{Note 1})
N2/6
N7
N8
South east boundary of facility ^{Note 1}
Southern boundary of facility ^{Note 1}
Northern boundary of facility ^{Note 1}

Note 1: Locations to be agreed subject to Condition 9.4

Table E.2.2 Noise Monitoring Frequency and Technique

Parameter	Monitoring Frequency	Analysis Method/Technique
L(A) _{Eq} [30 minutes]	Bi-annually	Standard ^{Note 1}
L(A) ₁₀ [30 minutes]	Bi-annually	Standard ^{Note 1}
L(A) ₉₀ [30 minutes]	Bi-annually	Standard ^{Note 1}
Frequency Analysis(1/3 Octave band analysis)	Bi-annually	Standard ^{Note 1}

Note 1: "International Standards Organisation. ISO 1996. Acoustics - description and Measurement of Environmental noise. Parts 1, 2 and 3."

E.3: Surface Water

Surface Water monitoring locations shall be those as set out in Table E.3.1.

Table E.3.1 Surface Water Monitoring Locations

STATION ^{Note 1}
Drain located along south-western boundary of facility - point upstream of facility
Drain located along south-western boundary of facility - point downstream of facility
Drain located along north-eastern boundary of facility - point upstream of proposed discharge point
Drain located along north-eastern boundary of facility - point downstream of proposed discharge point
Discharge from settlement pond or equivalent

Note 1: Locations to be agreed subject to Condition 9.2

Table E.3.2 Surface Water Monitoring Parameters and Frequencies

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Weekly	Not applicable
pH	Quarterly	Electrometry
BOD	Quarterly	Electrometry / Titrimetry with nitrification inhibitor
COD	Quarterly	Digestion + Colorimetry/Titrimetry
Chloride	Quarterly	Colorimetry / Ion Chromatography
Dissolved Oxygen	Quarterly	Electrometry
Electrical Conductivity	Quarterly	Electrometry
Total Suspended Solids	Quarterly	Gravimetry
Oils, fats, grease	Quarterly	Extraction with solvent and gravimetry Standard Method ^{Note 1}
Ammoniacal Nitrogen	Quarterly	ISE / Colorimetry
Temperature	Quarterly	Thermometry
Coliforms (total, faecal)	Annually	Membrane filtration or MPN using referenced procedures

Note 1: "Standards Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 19th Ed. 1995, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA.

E.4: Groundwater

Groundwater monitoring locations shall be those as set out in Table E.5.1 and where relevant Drawing No. – *Figure 2.5.1 Groundwater Contours (11/3/99)* of the EIS received as part of the application.

Table E.4.1 Groundwater Monitoring Locations

STATION
BH4 ^{Note 1}
BH2 ^{Note 1}
Downgradient of proposed facility treatment systems ^{Note 2}

Note 1: Or alternative agreed with the Agency.

Note 2: To be agreed with Agency, subject to Condition 9.5

Table E.4.2 Groundwater Monitoring Parameters and Frequencies

Parameter ^{Note 1}	Monitoring Frequency
Groundwater levels	Monthly
pH	Bi-annually
Conductivity	Bi-annually
Total Ammonia / Ammonia as NH ₄	Bi-annually
Total petroleum hydrocarbons	Annually
Coliforms (total, faecal)	Annually

Note 1: All analyses shall be carried out by a competent laboratory using standard and internationally acceptable techniques. The testing laboratory and the testing technique shall be agreed with the Agency in advance.

SCHEDULE F :Emission Limits

F.1 Dust Deposition Limits: (Measured at the monitoring points indicated in Table E.1.1).

Level (mg/m ² /day) ^{Note 1}
350

Note 1: 30 day composite sample with the results expressed as mg/m² /day.

F.2 Noise Emissions: (Measured at the monitoring points indicated in Table E.2.1).

Day dB(A) L _{Aeq} (30 minutes)	Night dB(A) L _{Aeq} (30 minutes)
55	45

SCHEDULE G : Waste Acceptance

G.1 Waste Acceptance

Table G.1 Waste Categories and Quantities – Existing Facilities

WASTE TYPE	MAXIMUM TONNES PER ANNUM
Recyclables ^{Note 1}	1,500
Commercial	5,000 ^{Note 2}
Construction & Demolition	3,500 ^{Note 2}
Industrial Non-Hazardous	3,500 ^{Note 2}
TOTAL	13,500

Note 1: This relates only to those recyclable wastes collected from bring banks etc. as referred to in Figure 3.1.2 – Process Flow Chart (Existing Situation) of the EIS submitted as part of the application.

Note 2: These totals may be altered, subject to Agency agreement, provided the combined total does not exceed 12,000 tonnes per annum.

Table G.2 Waste Categories and Quantities – Following Installation of Proposed Facilities

WASTE TYPE	MAXIMUM TONNES PER ANNUM
Municipal	11,000
Commercial	6,800 ^{Note 1}
Construction & Demolition	5,000 ^{Notes 1 & 2}
Industrial Non-Hazardous	4,200 ^{Note 1}
TOTAL	27,000

Note 1: Subject to the provision of facilities under Condition 4.10.1. These totals may be altered, subject to Agency agreement, provided the combined total does not exceed 16,000 tonnes per annum.

Note 2: Subject to the provision of facilities under Condition 4.10.1, otherwise as per Table G.1.

Sealed by the seal of the Agency on this the 24th day of January 2001.

PRESENT when the seal of the Agency was affixed hereto:

Declan Burns Director/Authorised Person

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Consent of copyright owner required for any other use.

18.7 Correspondence from Wexford County Council

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Rialtas Áitiúil
Local Government

Mr. John Mernagh
South East Recycling Ltd
Pembrokestown
Wexford

28/2/06

Re- EPA letter

Dear Mr Mernagh

Further to your letter from the EPA regarding the need or otherwise for an Environmental Impact Assessment at your premises at Pembrokestown, please find attached a memorandum from the Planning Section of Wexford County Council.

I hope that this clarifies the matter.

Yours faithfully

Eamonn Hore
Senior Engineer
Environment

Comhairle Chontae
Loch Garman

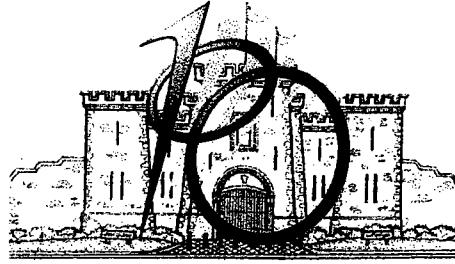
Wexford County Council
County Hall
Wexford

Tel: 053 9136500

Fax: 053 913406

email: info@wexfordcc.ie

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Rialtas Áitiúil
Local Government

Comhairle Chionrae
Loch Garman

Wexford County Council
County Hall
Wexford

tel: 053 9176500

fax: 053 9143406

email: postmaster@wexford.ie

To **Eamon Hore**
Senior Engineer, Environment

From **Diarmuid Houston**
Senior Planner, Planning

Date **9th January 2006**

RE: South East Recycling

I refer to your memorandum received 12th December relating to EPA letter to John Mernagh of South East Recycling. An Environmental impact assessment is required for installations for the disposal of waste with an annual intake of greater than 25,000 tonnes.

The information submitted does not provide any detail on the proposed operation. However, if the activity relates to the collection, sorting and short term storage of recyclable waste and not disposal of waste, it is the Planning Authority's considered view that an Environmental Impact Statement would not be required.

Diarmuid Houston
Senior Planner

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South East Recycling Co. Ltd
Carrigbawn
Pembrokestown
Wexford

Tel: 053-42295

5th October 2004

Mr. Damien Masterson,
Office of Environmental Enforcement,
PO. Box 3000,
Johnstown Castle Estate,
Wexford.

Re. New ownership of South East Recycling Co. Ltd.

Dear Damien,

Following my recent visit to your offices, I now wish to formally confirm to the Environmental Protection Agency that the above-mentioned Company has sold its share capital to a new company called Ormonde Waste Ltd.

I will be in the next few days submitting an official form for the change of licence from South East Recycling Co. ltd to Ormonde waste Ltd.

If you require any further information please do not hesitate to contact me at the above.

Regards

John Mernagh
Facility Manager

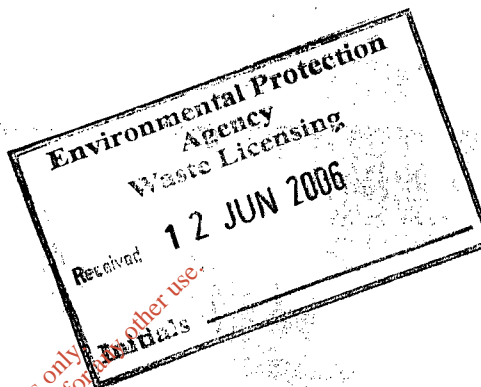
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South East Recycling Co. Ltd
Carrigbawn
Pembrokestown
Wexford

Tel: 053-42295

21st October 2004

Mr. Malcolm Doak,
Office of Licence and Guidance,
Environmental Protection Agency,
PO Box 3000,
Johnstown Castle Estate,
Wexford.



Re. Change of ownership at South East Recycling Co. Ltd
(Waste Licence 111-1).

Dear Malcolm,

As you are probably aware that the above-mentioned company has sold its entire share capital to a new company called Ormonde Waste Ltd. (details enclosed).

South East Recycling Co. Ltd will continue to trade under the same name and from the same premises in Wexford.

There is a new management structure in place see table 11.1 enclosed.

Ormonde Waste Ltd will accept and fulfil all liabilities including all current financial provisions, requirements and obligations provided for in or arising under the waste licence (111-1) regardless of how and in respect of what period, including the period up to the time of purchase of the company from its previous directors.

If you require any further information please do not hesitate to contact me at the above.

Yours Sincerely

John Mernagh
Facilities Manager

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