



Dr. Juliet McCarthy,
Office of Environmental Enforcement,
South East Region,
Environmental Protection Agency,
P.O. Box 3000,
Johnstown Castle Estate,
Co. Wexford

31st March 2010


RE: 2009 Annual Environmental Report – South East Recycling Company Ltd. – Co. Wexford –
Reg. No. W0111-01

Dear Dr. McCarthy,

Please find enclosed an original and 2 no. copies of the 2009 Annual Environmental Report (AER) for the above referenced facility. The AER file has been uploaded to the EPA website and is a true copy of the original Annual Environmental Report. The AER/PRTR emissions data reporting workbook has also been uploaded to the EPA website.

If you have any queries, please call me.

Yours sincerely,


Michael Watson

0904811/MG/MW

Encl

c.c. Mr. Malcolm Dowling, Greenstar Ltd.,
Mr. Denis Mullally, SERC Ltd.



ANNUAL ENVIRONMENTAL REPORT
SOUTH EAST RECYCLING COMPANY LIMITED
LICENCE NO. W0111-01
JANUARY 2009 – DECEMBER 2009

Prepared For: -

South East Recycling Company Limited,
Carrigbawn,
Pembrokestown,
Co. Wexford.

Prepared By: -

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31st March 2010

Project		Annual Environmental Report 2009		
Client		South East Recycling Company Ltd. W0111-01		
Report No	Date	Status	Prepared By	Reviewed By
0481105	29/03/2010	Draft	Martina Gleeson PhD	Michael Watson MA.
	30/03/2010	Draft 2	Martina Gleeson PhD	Michael Watson MA.
	31/03/2010	Final Report	Martina Gleeson PhD	Michael Watson MA.

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1. INTRODUCTION

This is the 2009 Annual Environmental Report (AER) for South East Recycling Company Ltd's (SERC) Waste Transfer Facility (WTF) at Pembrokestown, Wexford. The report covers the period from the 1st January 2009 to the 31st December 2009.

The content of the AER is based on Schedule B of the Waste Licence (W0111-01) and the report format follows guidelines set in the “*Guidance Note for Annual Environmental Report*” issued by the Environmental Protection Agency (Agency)¹.

¹ EPA (Environmental Protection Agency) 1999 Waste Licensing – Draft Guidance on Environmental Management Systems and Reporting to the Agency

2. SITE DESCRIPTION

2.1 Site Location and Layout

The facility occupies 1.49 ha and is located in the townland of Pembrokestown, Co. Wexford. It is accessed from the main N25 via a local county road (Whiterock Hill) to the south of Wexford Town. The land immediately surrounding the site to the west and south is used for agriculture, primarily for pasture. The road adjacent to the facility is characterised by ribbon development along its length. A housing development (Ard na Cuan) has been developed to the northeast of the facility and is accessed off Whiterock Hill Road.

The entrance to the facility is off Whiterock Hill Road and there is a car park, portacabin type offices and a weighbridge approximately 20 metres inside the entrance. There are two main facility buildings - a Waste Transfer Building in the south west and a Maintenance Building in the north.

2.2 Waste Management Activities

The Licence allows SERC to accept and process up to 13,500 tonnes of waste per annum, comprising commercial/industrial non-hazardous waste, recyclables and construction and demolition wastes. Waste loads transferred through the facility are mainly from County Wexford. The plant used at the facility is listed on Table 2.1 and it provides 100% duty and 50% standby for waste processing.

Table 2.1 Existing Plant

No.	Plant	Model	Operational Capacity
1	Weighbridge	Avery Berkel	52hr wk
1	Forklift/sweeper	Used for sweeping the yard only	-
2	Front end loading shovel	JCB	50 tonnes per hour each
1	Track machine with grab	Caterpillar 321 LC	40 tonnes per hour

2.2.1 Waste Types

The facility is licensed to accept the following waste types and quantities, specified in Schedule G of the Licence: -

- Recyclables (1,500 tonnes),

- Commercial (5,000 tonnes),
- Construction & Demolition (3,500 tonnes),
- Industrial Non-Hazardous (3,500 tonnes)

No hazardous wastes or liquid wastes are accepted.

The maximum amount of each waste type may be altered with the prior agreement of the Agency, so long as the total of 13,500 tonnes is not exceeded.

2.2.2 *Waste Handling*

Incoming waste is unloaded, separated into fractions that are then compacted and loaded onto trailers for transfer off-site to appropriately licensed facilities. A front loader and grab loader are used to handle the waste.

At the start of the year, processed C&D material and plate glass were stored in three pre-cast concrete storage bays to the front of the Waste Transfer Building. Additional storage bays to the south of the building were used for storage of glass and beverage containers. The bays were removed in Q1 2009 and all waste is now either stored internally, or in the case of glass packaging, externally in covered containers.

3. EMISSION MONITORING

SERC implements the comprehensive environmental monitoring programme specified in the Licence to assess the significance of emissions from site activities. The programme includes surface water, groundwater, noise and dust monitoring at the locations shown on Figure 3.1. In addition to the monitoring specified in the Licence, SERC also monitors the wastewater discharges to the municipal foul sewer in accordance with a Trade Effluent Licence issued by Wexford County Council.

The monitoring results are submitted to the Agency at quarterly intervals and an overview of the monitoring carried out in the reporting period is presented in this Section.

3.1 Surface Water Monitoring

Surface water monitoring was carried out quarterly at four locations (SW-1, SW-2, SW-3 and SW-4). SW-1 is at the outfall for surface water run-off from the facility to a drain located along the south-western boundary. SW-2 is in the drain downstream of the discharge point. SW-3 is upstream of the facility, on a drain along the north eastern facility boundary. SW-4 is downstream of the facility. As has been the case in previous years, the drains at SW-3 and SW-4 were dry during each of the sampling events. SW-1 and SW-2 were dry during the Q1 sampling event.

The range of analysis is as specified in Schedule E of the Licence and includes quarterly pH, electrical conductivity, Chemical Oxygen Demand (COD), Biological Oxygen Demand (BOD), chloride, ammoniacal nitrogen, dissolved oxygen, total suspended solids, and oils, fats and greases and annual monitoring of total coliforms and faecal coliforms. The results are presented in Table 3.1 and 3.2.

There are no Emission Limit Value (ELV) or Trigger Levels set in the Licence and for interpretation purposes, the results had been compared to the proposed Agency Environmental Quality Standards (EQS) for surface waters. Following a request from the Agency in an audit report issued on 30th January 2009, proposed trigger levels were developed for SW-1 and submitted to the Agency on 25th June 2009. These are included in Table 3.1

The results at SW-1 were below the proposed trigger levels on all sampling occasions. Slightly elevated levels of ammoniacal nitrogen were measured at SW-2 when compared to the EQS values. The levels, which were all significantly higher than those at SW-1, may be due in part to the stagnant conditions at the sample point and also to the use of the adjoining fields for farm animal grazing. There is no evidence that site activities are impacting on surface water quality.

Table 3.1 Surface Water Monitoring Results 2009: SW-1

Parameter	Q1	Q2	Q3	Q4	Proposed Trigger Levels
pH	Dry	7.72	7.86	8.31	8.11
Temperature	Dry	13.6	16	10.3	-
Conductivity	Dry	0.677	0.63	0.608	1.178
Ammoniacal Nitrogen	Dry	0.14	0.11	0.08	5.34
Chloride	Dry	19.2	9.7	15	46.9
Total Suspended Solids	Dry	27	14	73	109
Dissolved Oxygen	Dry	10	5	4	13.2
BOD	Dry	<1	<4	<5	24.3
COD	Dry	24	16	15	170
Oils, Fats & Greases	Dry	<0.01	<0.01	<0.01	37.99
Total Coliforms	Dry	-	<1	-	-
Faecal Coliforms	Dry	-	<1	-	-

Table 3.2 Surface Water Monitoring Results 2009: SW-2

Parameter	Q1	Q2	Q3	Q4	EQS
pH	Dry	7.49	7.42	7.24	-
Temperature	Dry	12.2	15.3	10.1	-
Conductivity	Dry	0.542	0.402	0.831	1.000
Ammoniacal Nitrogen	Dry	0.63	0.38	0.36	0.024
Chloride	Dry	26.8	18.6	27	250
Total Suspended Solids	Dry	467	63	49	-
Dissolved Oxygen	Dry	4	5	3	-
BOD	Dry	<1	32.5	12	-
COD	Dry	39	32	56	-
Oils, Fats & Greases	Dry	<0.01	0.623	<0.01	-
Total Coliforms	Dry	-	<1	-	0
Faecal Coliforms	Dry	-	<1	-	0

3.2 Groundwater Monitoring

The monitoring programme includes bi-annual sampling of two wells (BH-2 and BH-4). BH-2 is down-gradient and at the north-western boundary of the facility. BH-4 is up-gradient of the facility, along the south-eastern site boundary.

The range of analysis is as specified in Schedule E of the Waste Licence and included bi-annual monitoring of pH, electrical conductivity and ammonia and annual monitoring of total petroleum hydrocarbons and total and faecal coliforms. There are no Emission Limit Value (ELV) and Trigger Levels set in the Licence and for interpretation purposes the results are compared to the Interim Guideline Values (IGVs) for groundwater published by the Agency. The IGV levels represent typical background or unpolluted conditions. However, it is

recognised that levels higher than the IGV may occur naturally depending on the local geological and hydrogeological conditions. The results are presented on Tables 3.3 and 3.4.

The quality of the groundwater was good and generally consistent with the previous monitoring results. Total petroleum hydrocarbons, total coliform and faecal coliforms were not detected. The results indicate that the facility is having no impact on groundwater.

Table 3.3: Groundwater Monitoring Results 2009: BH-2

Parameter	Units	Q1	Q3	IGV
pH	pH Units	8.33	6.87	6.5-9.5
Temperature	°C	11.9	13.1	-
Conductivity	mS/cm	0.31	0.3	1.000
Total Ammonia	mg/l	0.04	<0.01	0.15
TPH	mg/l	-	<0.01	0.01
Total Coliforms	cfu/100ml	-	<1	0
Faecal Coliforms	cfu/100ml	-	<1	0

Table 3.4: Groundwater Monitoring Results 2009: BH-4

Parameter	Units	Q1	Q3	IGV
pH	pH Units	8.1	7.1	6.5-9.5
Temperature	°C	10.6	13.3	-
Conductivity	mS/cm	1.26	0.997	1.000
Total Ammonia	mg/l	0.07	0.04	0.15
TPH	mg/l	-	<0.01	0.01
Total Coliforms	cfu/100ml	-	<1	0
Faecal Coliforms	cfu/100ml	-	<1	0

3.3 Noise Survey

SERC carried out the bi-annual noise surveys in February and August 2009. Monitoring was carried out at seven noise monitoring locations, N1, N2, N13, N14 and N15 located onsite and N7 and N8 located offsite. The surveys, which were conducted when the site was fully operational, confirmed that the noise emission complied with the Licence requirements. The results are presented on Table 3.5 and 3.6.

In February 2009, although the noise levels at N7, which is located near a cluster of houses to the south east of the site, exceeded the Licence limit, this was due to a combination of traffic on the public road, construction works on a nearby site and a local authority road crew operating in the area. In August 2009, the noise levels at N7 also exceeded than the limit set

in the Licence, but this was associated with traffic on the public road and not emissions from the facility.

Table 3.5: Noise Monitoring Results 2009: February 2009

Station	Time	LAeq 30 min dB	LAF10 30 min dB	LAF90 30 min dB	Noise audible
N1	0843-0913	52	56	44	Excavator loading trailer in building audible continuously at low level. Thereafter, emissions audible from sporadic vehicle movements around yard. Offsite, noise audible from nearby building site to N, local traffic, distant traffic, birdsong and crows. Overhead aircraft. Rock breaker emissions at site to E becoming significant.
N2	0950-1020	43	45	39	Sporadic truck and loader emissions slightly audible, significant screening provided by berm. Local and distant traffic continuously audible. Plant emissions at site to E audible. Birdsong and crows. Overhead aircraft. Dog barking in distance.
N7	1132-1202	61	61	40	Intermittent passing traffic dominant. Excavator and truck emissions at SERC site audible at low level. Construction activities audible at nearby site. Birdsong. Significant emissions from local authority crew operating at 20 m 1142-1153, including significant tone from bitumen heater.
N8	1058-1128	50	54	42	No emissions audible from SERC facility other than sporadic truck movements on access road and weighbridge, although continuous excavator emissions resumed from 1115. Intermittent local traffic dominant. Distant traffic also audible. Occasional vehicle movements at adjacent clinic. Birdsong. Plant noise audible at construction site to SE. Arrival of car x1 at N8.
N13	0810-0840	56	54	45	Loader operating on yard and in building occasionally audible at low level. Also wheelie bins being moved around N corner of site. Offsite excavator and loader in operation at adjacent building site audible, and occasionally dominant. Distant traffic noise continuously audible in background. Birdsong and crows. Overhead aircraft.
N14	1024-1054	51	48	41	Sporadic site truck and loader emissions clearly audible. Local and distant traffic continuously audible. Plant emissions at site to E audible. Birdsong and crows. Overhead aircraft. Dog barking in distance.
N15	0916-0946	46	48	42	Excavator operating in building continuously audible at low level until 0928. Distant traffic also continuously audible. Rock breaker and reversing alarms at site to E clearly audible. Local road traffic and birdsong. Overhead aircraft.

Table 3.6: Noise Monitoring Results 2009: August 2009

Station	Time	LAeq 30 min dB	LAF10 30 min dB	LAF90 30 min dB	Noise audible
N1	1308-1338	52	57	37	Site quiet, apart from sporadic truck movements. Lawnmower at nearby house dominant continuously from 1315. Birdsong. Local road traffic audible.
N2	1448-1518	41	43	36	Occasional loader operation audible. Also sporadic truck movements. Intermittent road traffic significant. Birdsong.
N7	1633-1703	65	68	42	Intermittent local traffic dominant, becoming almost continuously audible with approaching rush hour. No noise audible from facility. Radio audible at nearby house. Lawnmower audible at nearby house from 1645.
N8	1557-1627	51	54	41	No emissions audible from facility apart from sporadic truck movements on site access road. Intermittent local road traffic dominant. Occasional noise from house to S (unloading) and N (vehicle movements at surgery). Birdsong.
N13	1341-1411	53	55	43	No emissions audible from site apart from sporadic truck movements. Loader operation masked by lawnmower noise at nearby house throughout entire interval. Birdsong. Construction plant noise audible to N.
N14	1521-1551	48	48	38	Occasional loader operation audible. Also sporadic truck movements. Intermittent road traffic significant. Birdsong.
N15	1415-1445	50	49	33	Loader operation around site, and onsite truck movements, audible at low level. Significant screening provided by large skips parked along boundary. Intermittent road traffic to E audible. Birdsong.

3.4 Dust Monitoring

SERC conducted dust monitoring on three occasions (June, July and August) at five on-site locations (D-1, D-3, D-4, D-5 and D-6). The Licence requires that two of these be carried out between May and September. The dust deposition limit specified in the Licence (350 mg/m²/day) was not exceeded at any location. On all three occasions, the dust gauge at D-6 was found to be contaminated with vegetative matter from neighbouring mature trees and so was not suitable for analysis. The results are presented on Table 3.7.

Table 3.7: Dust Monitoring Results 2009

	June mg/m ² /day	July mg/m ² /day	August mg/m ² /day	Dust Deposition Limit mg/m ² /day
D1	131	101	145	350
D3	164	97	17	350
D4	318	143	43	350
D5	260	97	87	350
D6	*	*	*	350

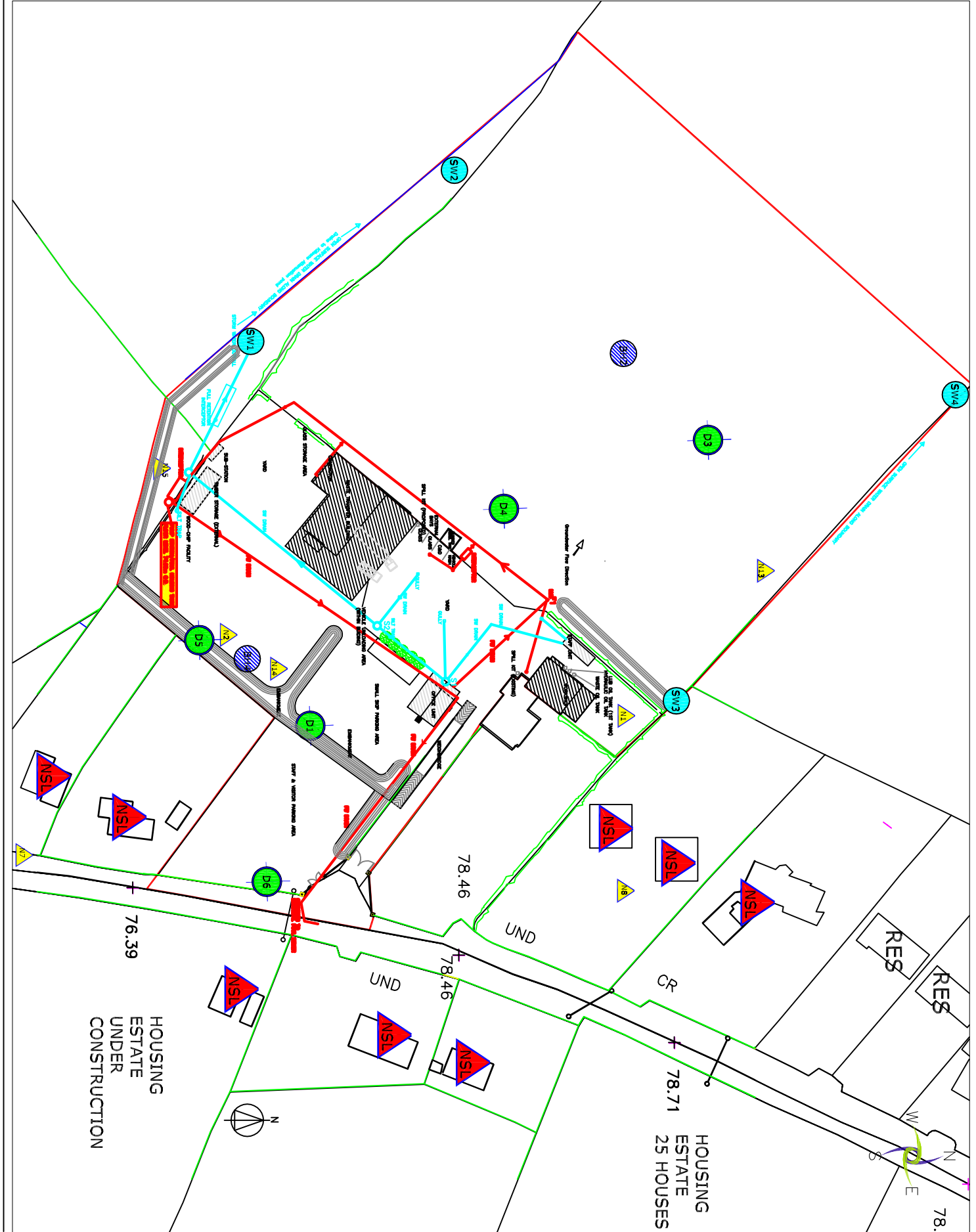
* Contaminated therefore not suitable for analysis

3.5 Trade Effluent Discharge Licence Monitoring

Sanitary and wastewater from the facility are directed to the municipal sewer controlled by Wexford County Council. The quality of the discharge is monitored at quarterly intervals in accordance with Trade Effluent Licence SS/S047/02. The monitoring began in Q3 2009 and the results are presented in Table 3.8. The results were all below the limits set in the Trade Effluent Licence, which are included in the Table.

Table 3.8: Trade Effluent Monitoring Results 2009

Parameter	Units	Q3	Q4	T.E. Limits
pH	pH Units	7.68	7.87	6 – 9
Temperature	°C	16.3	10.6	30
BOD	mg/l	25.3	45.6	400
COD	mg/l	51	99	1500
Suspended Solids	mg/l	<10	51	500
Sulphate	mg/l	51.86	55.01	250
Chloride	mg/l	21.1	15.6	250
Oils, Fats & Greases	mg/l	0.01	1.395	30
Arsenic	mg/l	<0.0025	<0.0025	0.025
Chromium	mg/l	<0.0015	<0.0015	0.005
Fluoride	mg/l	<0.3	<0.3	0.5
Copper	mg/l	<0.007	<0.007	0.005
Lead	mg/l	<0.005	<0.005	0.005
Zinc	mg/l	0.013	0.016	0.1
Nickel	mg/l	0.003	<0.002	0.008
Total Cyanide	mg/l	<0.04	<0.04	0.01



LEGEND

- Monitoring Point
- Water Sampling Point
- Groundwater Monitoring Point
- Surface Water Sampling Point
- NSL (Noise Sensitive Location)
- Other

Monitoring Point	Grid Reference	Grid Easting	Grid Northing	Height (m)	Notes
SW1	200646497118-241	200646497118	241	10.0	Water Sampling Point
SW2	200646497118-242	200646497118	242	10.0	Water Sampling Point
SW3	200646497118-243	200646497118	243	10.0	Water Sampling Point
SW4	200646497118-244	200646497118	244	10.0	Water Sampling Point
D1	200646497118-245	200646497118	245	10.0	Groundwater Monitoring Point
D2	200646497118-246	200646497118	246	10.0	Groundwater Monitoring Point
D3	200646497118-247	200646497118	247	10.0	Groundwater Monitoring Point
D4	200646497118-248	200646497118	248	10.0	Groundwater Monitoring Point
D5	200646497118-249	200646497118	249	10.0	Groundwater Monitoring Point
D6	200646497118-250	200646497118	250	10.0	Groundwater Monitoring Point
A1	200646497118-251	200646497118	251	10.0	Other
A2	200646497118-252	200646497118	252	10.0	Other
A3	200646497118-253	200646497118	253	10.0	Other
A4	200646497118-254	200646497118	254	10.0	Other
A5	200646497118-255	200646497118	255	10.0	Other
A6	200646497118-256	200646497118	256	10.0	Other
A7	200646497118-257	200646497118	257	10.0	Other

Client: South East Recycling Company Ltd.

Project: Waste Licence

Title: Site Layout, Monitoring Locations

Scale: 1:1,000 @ A3 (1:2,000 @ A4)

Prepared by: JCC

Checked: JCC

Drawn: JCC

Date: 20.03.2007

Project Director: CCM

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Drawing No: FIGURE 3.1

Scale: A

4. SITE DEVELOPMENT WORKS

4.1 Specified Engineering Works

No Specified Engineering Works were carried out in 2009 and it is not proposed to carry out any engineering works in 2010. The Agency will be notified of all future engineering works as per Condition 4.16 of the Licence.

4.2 Summary of Resource & Energy Consumption

Table 4.3 presents the resources used on-site during the reporting period.

Table 4.3 Estimated On-Site Resource Use

Resources	Quantities
Road Diesel	260,973 litres
Plant Fuel	12,108 litres
Ad Blue	1,600 litres
Hydraulic, Transmission and Engine Oil	1,525 litres
Gear Oil	40 litres
Odour Neutraliser	75 litres
Truck Wash Detergent	200 litres
Anti Freeze	115 litres
Electricity	41,140 units

4.3 Bund Integrity Test

Bund integrity tests were carried out in April 2008, testing will be carried out again in 2011 in accordance with the Licence.

5. WASTE RECEIVED AND CONSIGNED FROM THE FACILITY

Table 5.1 shows the total quantities of waste received and consigned from the facility in 2009, Table 5.2 shows the quantities for 2008. A breakdown of the waste types is provided in accordance with the European Waste Catalogue and Hazardous Waste (EWC/HWL) list.

The total amount received in 2009 was 13,157.30 tonnes. The total amount consigned was 13,063.71 tonnes. The difference is 93.59 tonnes which remained on site at the end of 2009 and was consigned in Q1 of 2010. Table 5.3 shows the quantities of waste received and consigned in previous years.

All the wastes consigned from the site in 2009 went to recovery and disposal facilities agreed with the Agency. The recovery rate is estimated at 78%.

Table 5.1 Waste Received & Consigned 2009

EWC	Description	Waste In	Waste Out
15 01 01	Cardboard Packaging	608.59	433.98
15 01 02	Plastic Bottles	15.74	
	Plastic Packaging	20.58	
	Polystyrene		
15 01 03	Wood	70.32	
	Wooden Packaging	0.66	
15 01 04	Aluminium Cans		2.28
	Aluminium		6.69
15 01 06	Mixed Packaging	4,051.00	3,795.91
			49.11
15 01 07	Glass Packaging	184.68	561.86
17 01 07	C&D Inert Mixed	384.34	2,006.47
17 02 01	Wood		11.96
17 05 04	C&D Inert Mixed	923.94	435.43
	Soil & Stones	58.39	
19 12 12	C&I Dry Mixed		2,345.81
	MSW		2,835.91
20 01 01	Cardboard & Paper	4.10	
20 01 02	Glass	339.73	185.32
20 01 38	Wood	153.44	178.31
20 01 39	Plastic	1.36	
20 01 40	Metal	31.42	214.67
20 03 01	MSW	1,958.76	
20 03 07	C&I Dry Mixed	4,350.25	
	Total Received	13,157.30	
	Total Consigned		13,063.71
	Total Recovered		10,227.80
	Total Disposed		2,835.91
	Recovery Rate		78%

Table 5.2 Waste Received & Consigned 2008

EWC	Description	Waste In	Waste Out
15 01 01	Cardboard Packaging	657.90	328.37
15 01 02	Plastic Bottles	125.57	
	Plastic Packaging	51.22	
	Polystyrene	1.66	
15 01 03	Wooden Packaging	2.04	
15 01 04	Aluminium Cans	139.08	20.91
	Metallic Packaging	0.16	
	Aluminium		79.81
15 01 05	Tetra Pak Cartons	1.59	
15 01 06	Mixed Packaging	6,385.57	3,714.50
			66.88
			2,901.21
15 01 07	Glass Packaging	3,931.67	79.39
			3,862.21
			438.94
17 01 07	C&D Inert Mixed	17.82	3,205.95
17 05 04	C&D Inert Mixed	1,514.60	
	Soil & Stones	115.35	
19 12 12	C&I Dry Mixed	1.90	673.20
			3,528.66
			45.73
	MSW		13,297.04
20 01 01	Cardboard & Paper	1.56	13.23
	Newsprint	8.20	
20 01 02	Glass	0.19	
20 01 38	Wood	457.98	291.40
20 01 39	Plastic	8.94	
20 01 40	Metal	79.13	286.95
20 03 01	MSW	11,968.98	
20 03 07	C&I Dry Mixed	6,823.25	
	Total Received	32,293.02	
	Total Consigned		32,834.38
	Total Recovered		19,491.61
	Total Disposed		13,342.77
	Recovery Rate		59%

Table 5.3 – Waste Received and Consigned since 2005

	2008	2007	2006	2005
Total Received	32,293.02	41,730	38,308.48	30,006
Total Consigned	32,834.38	40,596	21,174.93	29,144
Recovery Rate	59%	63%	55.27%	69%

6. ENVIRONMENTAL INCIDENTS AND COMPLAINTS

6.1 Incidents

There were no reportable incidents in 2009.

6.2 Register of Complaints

SERC maintains a register of complaints received in accordance with Condition 3.13 of the waste licence. Four complaints were received during the reporting period. Three complaints were in relation to trucks movements and one was in relation to an alarm ringing on site overnight. A copy of the complaints received is included in Appendix 2. Complaints were fully investigated and responses issued to the Complainant and the Agency.

7. ENVIRONMENTAL DEVELOPMENT

7.1 Environmental Management Programme Report

In compliance with Conditions 2.1 and 2.2 of the Licence, SERC has established an Environmental Management System (EMS) for the facility. A revised EMS was implemented at the site in 2009. The Agency were notified of this revision in a letter dated the 16th July 2009. As part of this EMS Greenstar has developed a list of environmental, management, operating and maintenance procedures, details of which are outlined in Appendix 1. The schedule of Objectives and Targets, including their status for 2009 (Table 7.1), as well as the proposed Objectives and Targets for 2010 (Table 7.2) are presented below.

7.1.1 *Schedule of Objectives 2009*

The objectives that were achieved during this reporting period are outlined in Table 7.1. An evaluation of what has been achieved to date is presented below.

Objective 1 - Implementation of Diversion Strategy to reduce the volume of waste accepted to at or below licence limits

Successfully kept waste volume below licence limit of 13500 tonnes.

Objective 2 - To maintain daily and weekly site inspections for the facility

Daily and weekly inspections are carried out at the facility.

Objective 3 - To maintain the use of the sprinkler system and maintain the dust levels in line with the licence limits.

Both sprinkler and yard sweeper are used to lower dust levels at the facility. The dust deposition limit was not exceeded in 2009.

Objective 4 - To review the EMS and assess all nuisance control procedures to ensure minimal impact on surrounding area in April 2009.

The EMS was reviewed in 2009.

Objective 5 - Continue with segregation and recycling efforts

These efforts were carried out successfully in 2009 and are still ongoing.

Objective 6 - Ensure monitoring results comply with permits limits & investigate any exceedence of emission limit values (ELVs) systems as to reduce the environmental impact the facility has on the surrounding environment

The monitoring results all complied with the Licence conditions.

Objective 7 - Set warning and action levels for the surface water discharge point
Trigger levels for the surface water discharge point were set in June 2009.

Objective 8 - Decommission external storage bays and commence storage of all wastes internally
All external storage bays were decommissioned.

7.1.2 Schedule of Objectives 2010

A schedule of targets and objectives for 2010 has been set by the facility management. These objectives are outlined in Table 7.2.

7.1.3 Site Management Structure

Details of the site management structure are included on Table 7.3.

7.1.4 Staff Training

No staff training was carried out in 2009.

Table 7.1 Schedule of Objective and Targets 2009

No	2009 Objective	Responsibility	Update
1	Implementation of Diversion Strategy to reduce the volume of waste accepted to at or below licence limits	Facility Manager	Successfully kept waste volume below licence limit of 13500 tons
2	To maintain daily and weekly site inspections for the facility.	Facility Manager	Done
3	To maintain the use of the sprinkler system and maintain the dust levels in line with the licence limits.	Facility Manager	Done via both sprinkler and yard sweeper
4	To review the EMS and assess all nuisance control procedures to ensure minimal impact on surrounding area in April 2009	Facility Manager	Done
5	Continue with segregation and recycling efforts	Facility Manager	Ongoing
6	Ensure monitoring results comply with permits limits & investigate any exceedence of emission limit values (ELVs) systems as to reduce the environmental impact the facility has on the surrounding environment	Facility Manager/Group Compliance Manager	Done
7	Set warning and action levels for the surface water discharge point	Facility Manager	Done
8	Decommission external storage bays and commence storage of all wastes internally	Facility Manager	Done

Table 7.2 Schedule of Objective and Targets 2010

No	Objective	Target	Responsibility	Timescale
1	Awareness and Training	Continue to ensure that appropriate training is carried out specific to all site personnel as per the Company's established Training Matrix.	Facility Management	Ongoing
		Spill training, inclusive of a spill scenario to be carried out.		
2	Energy & Resource Consumption	Summarise energy and resource usage on a quarterly basis with a view to reducing consumption	Facility Management	Ongoing
3	Review and Assess the Effectiveness of Nuisance Control Procedures	Continually review and assess all nuisance control procedures to ensure minimal impact on the surrounding area.	Facility Management	Ongoing
4	Pollution Prevention	Strive to ensure that monitoring results comply with the licence limits and investigate any exceedances of emission limit values.	Facility Management	Ongoing
		Continue to ensure the integrity and maintenance of all drainage infrastructure.		
5	Customer Communication & Awareness	Increase route and truck efficiency.	Facility Management	Ongoing
		Improve Customer Recycling Rates through the implementation of AMCS Environmental Reporting System		
6	Operations Management	Review segregation organisation within the Material Recovery Building	Facility Management	Q3 2010

Table 7.3 Site Management Structure

Management and Staffing structure: -

Name: Denis Mullally

Responsibility: Operations Manager

Experience: FAS Waste Management Course completed. 5 years waste management experience.

Name: Andrew Rinkulis

Responsibility: Operations Supervisor, management of operations of transfer station.

Experience: FÁS course completed 2008. 8 years waste management experience

Name: Martin Kavanagh

Responsibility: Site Foreman/Loader Driver, general supervision of staff and recycling operations

Experience: 9 years waste management experience

7.2 Communications Programme

All correspondence received and sent to the Agency (except commercially sensitive information) is available to the public to view at the facility.

Records available for public inspection on site include:-

- Environmental Policy
- Waste Licence
- Licence Application and Review documentation
- Monitoring Records
- Complaints File
- EPA Correspondence File

Opening Times for Inspection of Records are from 10 am – 4 pm.

Visits to the site should be arranged in advance by ringing the Facility Manager or Supervisor at 1890 600 900.

7.3 Report Financial Provision

Greenstar Ltd. which owns SERC has accrued over €3,000,000 in funds to provide for any potential environmental liabilities including the unexpected closure of the facility. Greenstar Ltd. has adequate insurance cover for environmental liabilities to €6,500,000 for any one occurrence, which will apply to “sudden identifiable and unintended incidents” that might occur in the decommissioning period.

In accordance with Condition 8.1 of the Licence SERC submitted a Closure and Decommissioning Plan to the Agency on the 2nd October 2008 and the Agency responded on the 25th November 2008 with a request for further information, including the preparation of a Restoration & Aftercare Management Plan. This Plan was submitted to the Agency in January 2009.

7.4 Nuisance Control

SERC carry out routine site inspections including daily site inspections, weekly site inspections and odour assessment patrols and litter collections. In addition, the roadway adjacent to the site is inspected daily for litter. All of these inspections and assessments are documented and kept on file at the site.

SERC has contracted a vermin control company ISS Hygiene Services Ltd. to carry out nuisance control at the facility. The vermin control records are maintained by the contractor and the records are kept on file on site.

An odour control system comprising two rotary atomisers was installed and commissioned at the facility in 2008. This is activated in the event that any loads with odour nuisance potential are received at the facility.

7.5 European Pollutant Release and Transfer Register

Under the European Pollutant Release and Transfer Register Regulation (EC) No. 166/2006 SERC is required to submit information annually to the Agency. A copy of the information submitted to the Agency via the web-based data reporting system is included in Appendix 3.

7.6 Foul Water Volume Transported Off-Site

The total amount of foul water removed from the facility to an authorised Waste Water Treatment Plant during the reporting period was 28.2 tonnes, this was removed during the year during the cleaning of the interceptors in January, April, October and December.

8. OTHER REPORTS

A firewater retention report was submitted to the Agency in October 2009. A revised Decommissioning Plan was submitted in January 2009.

APPENDIX 1

Procedures Index

Doc. No.: Control	Revision No.: As Shown	Issue Date: As Shown
Approved By: Suzanne Byrne		Page 1 of 3

Integrated Procedures

IP 01	Document & Data Control Procedure	Rev 01, 10/07/09
IP 02	Environmental Aspects & Impacts Procedure	Rev 01, 10/07/09
IP 03	Environmental Legal & Regulatory Requirements Procedure	Rev 01, 10/07/09
IP 04	Environmental Objectives, Targets & Management Programmes Procedure	Rev 01, 10/07/09
IP 05	Competence, Training & Awareness Procedure	Rev 02, 20/01/10
IP 06	Communication & Consultation Procedure	Rev 02, 06/10/09
IP 07	Monitoring, Measurement & Improvement Procedure	Rev 01, 10/07/09
IP 08	Evaluation of Compliance Procedure	Rev 02, 17/08/09
IP 09	Non Conformances, Corrective/Preventive Actions Procedure	Rev 02, 06/10/09
IP 10	EMS Internal Audit Procedure	Rev 02, 20/01/10
IP 11	Management Review Procedure	Rev 01, 10/07/09

Operational Procedures

OP 01	Waste Acceptance Procedure	Rev 01, 10/07/09
OP 02	Unacceptable Waste Procedure	Rev 01, 10/07/09
OP 03	Waste & Material Storage Procedure	Rev 01, 10/07/09
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OP 05	Waste Permits & Licences Procedure	Rev 01, 10/07/09
OP 06	Maintenance & Calibration Procedure	Rev 02, 17/08/09
OP 07	Control of Contractors/Visitors Procedure	Rev 01, 10/07/09

Environmental Procedures

EP 01	Office Waste & Energy Management Procedure	Rev 01, 10/07/09
EP 02	Environmental Monitoring Procedure	Rev 01, 10/07/09
EP 03	Emergency Preparedness & Response Procedure	Rev 01, 10/07/09
EP 04	Nuisance Management Procedure	Rev 02, 17/08/09
EP 05	Decommissioning and Aftercare Procedure	Rev 01, 10/07/09
EP 06	Site Infrastructure Procedure	Rev 02, 17/08/09
EP 07	EPA Communications Procedure	Rev 01, 10/07/09



Amendment History - Procedure Listing

Doc. No.: Control

Revision No.: As Shown

Issue Date: As Shown

Approved By: Suzanne Byrne

Page 2 of 3

Amendment History

Date	Amendment No.	Procedure No:	Revision No:	Comment	Authorised By
10/04/09	01	All	Draft 01	Issued for comment	<i>Suzanne Byrne</i>
10/07/09	02	All	Rev 01	Official Issue	<i>Suzanne Byrne</i>
17/08/09	03	IP 08, OP 06, OP 08, EP 04 & EP 06	Rev 02	Amendment to include EF-04A(i) Sligo, EF-04B SERCL, EF-0B(i) Sligo & EF-04C SERCL & EF-04C(i) Sligo	<i>Suzanne Byrne</i>
06/10/09	04	IP 09	Rev 02	Amendment to include Communications Database	<i>Suzanne Byrne</i>
20/01/10	05	IP 10	Rev 02	Deletion of Audit Checklist IF 10B	<i>Suzanne Byrne</i>
20/01/10	06	IP 05	Rev 02	Deletion of Procedure Sign off Sheet IF 05B	<i>Suzanne Byrne</i>



Doc. No.: Control	Revision No.: 01	Issue Date: 10/07/09
Approved By: <i>Suzanne Byrne</i>		Page 3 of 3

Circulation List

The Environmental Procedures Manual is a controlled document retained by the Environmental Executive. The Environmental Executive will ensure that all approved amendments are made and circulated accordingly. Copies other than those listed in the table below are uncontrolled.

Copy No.	Holder
1 (Master copy)	Environmental Executive
2	Greenstar Limited – Waterford EPA Licence No: W0116-02
3	Greenstar Limited – Sligo EPA Licence No: W0058-01
4	South East Recycling Company Limited EPA Licence No: W0111-01

APPENDIX 2

Complaints Register



ENVIRONMENTAL PROTECTION AGENCY
Office of Environmental Enforcement

Fax: 053-9160699
Tel: 053-9160600
International Tel: +353-53-9160600
International Fax: +353-53-9160699

P.O. Box 3000
Johnstown Castle Estate
Co. Wexford
IRELAND

To: South East Recycling Co. Ltd.
Fax No: 053-9146000
FAO: John Mernagh
From: Deirdre French
Date: 09/01/09

Total number of pages including this one:	2
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Message:

Dear Mr Mernagh

Please find attached details of a complaint received today with respect to your facility. Please note the requirements of the attached record and Condition 3.13 of your Waste Licence.

Regards

Deirdre French

Deirdre French
Inspector
Office of Environmental Enforcement

RECORD OF TELEPHONE COMPLAINT

Reg. No: W0111-01 **Date:** 09/01/2009

Facility Name: South East Recycling Company Limited **Time:** 15:30

Complainant: Mr Bernard Browne

Address: Pembrokestown
Wexford

Complaint: The complainant stated that he observed two trucks entering the facility on 08/01/09 at 20:30 and 20:50. He stated that this happens on a regular basis. The complainant stated that he has observed crows and magpies entering his garden from the facility, which drop chicken bones and litter into his garden. The complainant also stated that he experiences noise from the glass bottle bays at the facility.

Has the complainant been requested to put this complaint in writing to the Agency? No

Has the complainant been informed that this correspondence will go on public file? Yes

Has the company been informed of this complaint by telephone? Yes

Comment:

- The licensee shall investigate this complaint in accordance with Condition 3.13 of the licence.
- The licensee shall respond to the Agency and the complainant in writing within 5 working days, on the investigation and actions taken.
- The licensee is reminded that:
 - Waste shall not be accepted at the facility outside the hours of waste acceptance in accordance with Condition 5.9 of the licence.
 - The licensee shall ensure that birds do not give rise to nuisance at the facility or the immediate environment of the facility in accordance with Condition 6.8 of the licence.
 - The licensee is reminded of the requirements of Conditions 5.5 and 5.10 of the licence

Complaint taken by: Deirdre French



ENVIRONMENTAL PROTECTION AGENCY
Office of Environmental Enforcement

Fax: 053-9160699 P.O. Box 3000
Tel: 053-9160600 Johnstown Castle Estate
International Tel: +353-53-9160600 Co. Wexford
International Fax: +353-53-9160699 IRELAND

To: South East Recycling Co. Ltd.
Fax No: 053-9146000
FAO: John Mernagh
From: Deirdre French
Date: 29/01/09

Total number of pages including this one:	2
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Message:

Dear Mr Mernagh

Please find attached details of a complaint received yesterday with respect to your facility. Please note the requirements of the attached record and Condition 3.13 of your Waste Licence.

Regards

Deirdre French
Inspector
Office of Environmental Enforcement

RECORD OF TELEPHONE COMPLAINT

Reg. No: W0111-01 **Date:** 28/01/2009

Facility Name: South East Recycling Company Limited **Time:** 09:40

Complainant: Mrs Catherine Browne

Address: Pembrokestown
Whiterock Hill
Wexford

Complaint: The complainant stated that she witnessed a waste lorry going into the facility at 20:30 on 27/01/09. She stated that she asked the driver was the lorry full and he said yes. She then asked him was it full of waste and he said no it was full of fresh air.

Has the complainant been requested to put this complaint in writing to the Agency ? **No**

Has the complainant been informed that this correspondence will go on public file ? **No**

Has the company been informed of this complaint by telephone ? **Yes**

Comment:

- The licensee shall investigate this complaint in accordance with Condition 3.13 of the licence.
- The licensee shall respond to the Agency and the complainant in writing within 5 working days, on the investigation and actions taken.
- The licensee is reminded that waste shall not be accepted at the facility outside the hours of waste acceptance in accordance with Condition 5.9 of the licence.

Complaint taken by: Deirdre French

ENFORCEMENT DATABASE HAS BEEN UPDATED.yes



ENVIRONMENTAL PROTECTION AGENCY
Office of Environmental Enforcement

Fax: 053-9160699 P.O. Box 3000
Tel: 053-9160600 Johnstown Castle Estate
Co. Wexford
International Tel: +353-53-9160600 **IRELAND**
International Fax: +353-53-9160699

To: South East Recycling Co. Ltd.
Fax No: 053-9146000
FAO: John Mernagh
From: Deirdre French
Date: 26/05/09

Total number of pages including this one:	3
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Message:

Dear Mr Mernagh

Please find attached details of a complaint received yesterday with respect to your facility. Please note the requirements of the attached record and Condition 3.13 of your Waste Licence.

Regards

Deirdre French
Deirdre French
Inspector
Office of Environmental Enforcement

RECORD OF TELEPHONE COMPLAINT

Reg. No: W0111-01 **Date:** 25/05/2009

Facility Name: South East Recycling Company **Time:** 16:20
 Limited

Complainant: Mr Bernard Browne

Address: Pembrokestown
 Wexford

Complaint: The complainant stated that he has observed a number of bin lorries entering the facility outside the hours of operation set in the waste licence. The details of these lorries are as follows:

Date	Details
07/02/09	Two bin lorries entered the facility at 4:20pm and 4:50pm.
23/02/09	One bin lorry entered the facility at 6:45pm
24/02/09	One bin lorry entered the facility at 7:15pm.
25/02/09	One bin lorry entered the facility at 7:20pm.
02/03/09	One bin lorry entered the facility at 7:20pm.
03/03/09	One bin lorry entered the facility at approximately 8:20pm.
14/03/09	Two bin lorries entered the facility at 3:30pm and 5:20pm.
11/04/09	One bin lorry entered the facility at 4:15pm.
20/05/09	One bin lorry entered the facility at 7:45pm, which drove straight over the weighbridge and didn't stop.

The complainant also stated that he has observed trucks leaving the facility before 8am in the morning before he leaves for work.

Has the complainant been requested to put this complaint in writing to the Agency? No

Has the complainant been informed that this correspondence will go on public file? Yes

Has the company been informed of this complaint by telephone? Yes

Comment:

- The licensee shall investigate this complaint in accordance with Condition 3.13 of the licence.
- The licensee shall respond to the Agency and the complainant in writing within 5 working days, on the investigation and actions taken.
- The licensee is reminded that waste shall not be accepted at the facility outside the hours of waste acceptance in accordance with Condition 5.9 of the licence.
- The licensee shall submit the "waste in" records for the following dates to the Agency within 5 working days: 07/02/09, 23/02/09, 24/02/09, 25/02/09, 02/03/09, 03/03/09, 14/03/09, 11/04/09, 20/05/09.

Complaint taken by: Deirdre French

ENFORCEMENT DATABASE HAS BEEN UPDATED. Yes



**ENVIRONMENTAL PROTECTION AGENCY
Office of Environmental Enforcement**

Fax: 053-9160699 P.O. Box 3000
Tel: 053-9160600 Johnstown Castle Estate
International Tel: +353-53-9160600 Co. Wexford
International Fax: +353-53-9160699 IRELAND

To: South East Recycling Co. Ltd.
Fax No: 053-9146000
FAO: Denis Mullally
From: Juliet McCarthy
Date: 03/11/09

Total number of pages including this one: 2

Message:

Dear Mr Mullally

Please find attached details of a complaint received yesterday with respect to your facility. Please note the requirements of the attached record and Condition 3.13 of your Waste Licence.

Regards

Juliet McCarthy
Inspector
Office of Environmental Enforcement

RECORD OF TELEPHONE COMPLAINT

Reg. No: W0111-01 **Date:** 02/11/2009

Facility Name: South East Recycling Company **Time:** 11.00
Limited

Complainant: Ms Catherine Browne

Address: Pembrokestown
Wexford

Complaint: The complainant left a phone message with the EPA on Sunday 01/11/09 stating that there was an alarm on the site ringing since the night before, and that there was a light flashing on a tank in the corner of the site. The complainant tried to ring the facility on both emergency lines, but could get no response.

Has the complainant been requested to put this complaint in writing to the Agency? No

Has the complainant been informed that this correspondence will go on public file? No

Has the company been informed of this complaint by telephone? Yes

Comment: The licensee is required to:

1. Record and investigate this complaint in accordance with Condition 3.13 of the licence.
2. Respond to both the Agency and complainant in writing within 5 working days, on the investigation and actions taken. This response should include details of why the alarm was ringing and the licensee's corrective actions, and also the updated out-of-hours contact numbers for the facility.
3. Ensure that the site contact details displayed on the site notice board are up-to-date.

Complaint taken by: Juliet McCarthy

ENFORCEMENT DATABASE HAS BEEN UPDATED ✓

South East Recycling Co. Ltd
Pembrokestown
Wexford

Tel: 053-9142295

Dr. Juliet McCarthy
Inspector
Office of Environmental Enforcement
PO Box 3000
Johnstown Castle Estate
Co. Wexford

04th November 2009

Re: Southeast Recycling Company Limited, Licence Reg. No. W0111-01, Fax received from EPA, dated 03/11/2009

Dear Dr McCarthy,

I refer to your fax of 03/11/2009, addressed to Denis Mullally of South East Recycling Co. Ltd, concerning a complaint registered with the Agency at 11.00am on 02/11/2009. The complaint in question was from Mrs Catherine Browne and referred to the ringing of an on-site alarm associated with the on-site drainage system. I understand that you have spoken with Denis, however a formal written response is now provided.

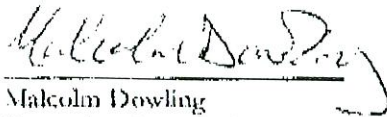
Upon notification of the complaint and in accordance with Condition 3.13 of the above referenced licence, I confirm that the complaint has been fully investigated and our findings are as follows.

The alarm in question is a high level visual and aural alarm located in the foul water pumping station located in the southeast of the site and is installed as per condition 4.13 of the waste licence. The alarm can provide an indication that one of the pumps is malfunctioning and is normally triggered when the level within the pump sump reaches a certain level. The pumps were subsequently checked on Monday 2nd November 2009 and were found to be fully operational leading us to conclude that an excess volume of water entered the system on the night of 31 October 2009. Surface water from the facility is collected through a separate collection system but it is believed that on this occasion due to excessive rainfall in the area (particularly late on Saturday 31st October and in the early hours of Sunday 1st November), surface water run-off from the concrete yard area overflowed and inadvertently inundated the pump sump causing the level to exceed the trigger point for the alarm. The pump sump is located in the lowest-lying area of the site and we are confident that minor remediation works will prevent any future overflow directly into the pump sump. The latest regular maintenance of the drainage system is schedule to occur during the week ending 13 November 2009 and the pumps will be serviced at this time though it appears that both are fully functioning.

I note that the complainant had left a message with the Agency on 01 November 2009 and was unable to contact either of the emergency lines provided. This is regrettable and is currently being addressed. As the Agency is aware there have been recent changes in site management at the facility. The sign will be updated this week to reflect this and to include out of hours contact numbers for both the new Site Manager (Mr Denis Mullally) and the Operating Supervisor. The following two numbers will now appear as out-of-hours contact numbers; 086-6005575 and 086-8199822.

A record of the complaint and this response is maintained on file as per Condition 3.13 of the licence and a separate response shall be issued to the complainant. Should you require any further information in relation to this matter, please do not hesitate in contacting me.

Yours sincerely,



Malcolm Dowling
For and on behalf of,
South East Recycling Co. Limited

APPENDIX 3

European Pollutant Release and Transfer Register



Environmental Protection Agency

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls | Return Year : 2009 |

AER Returns Worksheet

Version 1.1.10

REFERENCE YEAR	2009
-----------------------	------

1. FACILITY IDENTIFICATION

Parent Company Name	South East Recycling Company Limited
Facility Name	South East Recycling Company Ltd
PRTR Identification Number	W0111
Licence Number	W0111-01

Waste or IPPC Classes of Activity

No.	class_name
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	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 is produced.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	South East Recycling Centre
Address 2	Carrigbawn
Address 3	Pembrokestown
Address 4	County Wexford
Country	Ireland
Coordinates of Location	-6.47927 52.3177
River Basin District	IESE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Malcolm Dowling
AER Returns Contact Email Address	malcolm.dowling@greenstar.ie
AER Returns Contact Position	
AER Returns Contact Telephone Number	01-2947969
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

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

Is it applicable?	
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4.1 RELEASES TO AIR

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls | Return Year : 2009 |

31/03/2010 11:44

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

Additional Data Requested from Landfill operators

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

Landfill:

South East Recycling Company Ltd

Please enter summary data on the quantities of methane flared and / or utilised

	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls | Return Year : 2009 |

31/03/2010 11:45

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this

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

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS								
POLLUTANT		Method Used			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	SW-1 Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
79	Chlorides (as Cl)	E	Estimate	Estimated based on average rainfall over the year and average results	155.0343	155.0343	0.0	0.0

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

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

RELEASES TO WATERS								
POLLUTANT		Method Used			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	SW-1 Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	E	Estimate	Estimated based on average rainfall over the year and average results	1.341127	1.341127	0.0	0.0
240	Suspended Solids	E	Estimate	Estimated based on average rainfall over the year and average results	219.9448	219.9448	0.0	0.0
306	COD	E	Estimate	Estimated based on average rainfall over the year and average results	214.5803	214.5803	0.0	0.0

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

4.3 RELEASES TO WASTEWATER OR SEWER

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls

31/03/2010 11:45

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls | Return Year : 2009 |

31/03/2010 11:45

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND							
POLLUTANT		METHOD			QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

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

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0111 | Facility Name : South East Recycling Company Ltd | Filename : W0111_2009.xls | Return Year : 2009 |

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non-Haz Waste : Name and Licence/Permit No of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non-Haz Waste : Address of Recover/Disposer		
Within the Country	15 01 01	No	433.98	Cardboard Packaging	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	15 01 04	No	2.28	Aluminium Cans	R4	M	Weighed	Offsite in Ireland	Molloy Metals Recycling,WP/000/15	Ballycarney,Enniscorthy,Co. Wexford,.,Ireland		
Within the Country	15 01 04	No	6.69	Aluminium	R4	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	15 01 06	No	3795.91	Mixed Packaging	R5	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	15 01 06	No	49.11	Mixed Packaging	R5	M	Weighed	Offsite in Ireland	Waterford County Council,W0189-01	Shandon,Dungarvan,Co. Waterford,.,Ireland		
Within the Country	15 01 07	No	561.86	Glass Packaging	R5	M	Weighed	Offsite in Ireland	Glassco Recycling,WP 160/2004	Orberstown Business Park,Naas,Co. Kildare,.,Ireland		
Within the Country	17 01 07	No	2006.47	C&D Inert Mixed	R5	M	Weighed	Offsite in Ireland	C.R.S.,WP/05/24	Montague,Gorey,Co. Wexford,.,Ireland		
Within the Country	17 02 01	No	11.96	Wood	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	17 05 04	No	435.43	C&D Inert Mixed	R5	M	Weighed	Offsite in Ireland	Thomas Driver,WP 50/06	Rockett's Castle Estate,Portlaw,Co. Waterford,.,Ireland		
Within the Country	19 12 12	No	2345.81	C&I Dry Mixed	R5	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	19 12 12	No	2835.91	MSW Municipal Mixed	D5	M	Weighed	Offsite in Ireland	Ballynagran Landfill,W0165-01	Ballynagra, Coolbeg and Kilcandra,Co. Wicklow,.,Ireland		
Within the Country	20 01 02	No	185.32	Glass	R5	M	Weighed	Offsite in Ireland	Glassco Recycling,WP 160/2004	Orberstown Business Park,Naas,Co. Kildare,.,Ireland		
Within the Country	20 01 38	No	178.31	Wood	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd.,W0053-03	Fassaroe,Bray,Co. Wicklow,.,Ireland		
Within the Country	20 01 40	No	214.67	Metal	R4	M	Weighed	Offsite in Ireland	Molloy Metals Recycling,WP/000/15	Ballycarney,Enniscorthy,Co. Wexford,.,Ireland		

* Select a row by double-clicking the Description of Waste then click the delete button