the city bin co

Business Excellence

ISO 9001:2000 SGS

Quality Approved

Repak
Approved Packaging Waste Collector

Annual Environmental Report

January 2012

FREEFONE 1800 - RECYCLE
WWW.CITYBIN.COM

Annual Environmental Report
Period 1st January 2011 to 31st December 2011
The City Bin Co., Carrowmoneash
Oranmore, Co Galway.

Prepared to comply with
Waste Licence Register No. 148-1.
Condition 11.5.1, 11.5.2 and Schedule F

APPROVED BY:
McCarthy Keville O'Sullivan Ltd

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Contents

1. Introduction

1.1. Reporting Period

This Annual Environmental Report (AER) is the seventh such document produced for The City Bin Co waste transfer station at Carrowmoneash, Oranmore, Co. Galway. Environmental monitoring and reporting are required under Schedules D and E of the facility's EPA Waste Licence (Licence Number 148-1). The reporting period for the AER is from 1st January 2011 until 31st December 2011. The AER is in follow up to the previous report, which was for the report period 1st January 2010 to 31st December 2010.

1.2. Location of Facility

The City Bin Co waste transfer station is located in the townland of Carrowmoneash, Oranmore, Co. Galway, approximately 140 metres east of the N18 (Galway – Limerick) National Primary Road, 420 metres north of the N6 (Galway – Dublin) Dual Carriageway and approximately 30 metres north of the Galway – Dublin railway line. Other facilities surrounding the waste transfer station include the New Galway Metal Company, Old Galway Metal Company yard, the old Steelforms site and the Galway Oil Depot Site. The Deerpark Industrial Estate and a number of commercial premises are located west of the waste transfer station, on the opposite the side of the N18.

2. Waste

2.1. Waste Management Activities

Waste management activities carried out at the facility are outlined in Tables 2.1.1 and 2.1.2.

Table 2.1.1. Licensed Disposal Activities

Licensed Waste Disposal Activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996-2003	
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 bulking and transfer of waste.*
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 prior to bulking and transfer of waste.*

Table 2.1.2. Licensed Recovery Activities

Licensed Waste Disposal Activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996-2003	
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 recovery of paper, wood, plastic and organic waste.*
Class 3	Recycling or reclamation of metals and metal compounds. *This activity is limited to recovery of glass and construction and demolition waste.*
Class 4	Recycling or reclamation of other inorganic materials. *This activity is limited to recovery of glass and construction and demolition 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. *This activity is limited to the storage of water prior to recovery.*

Incoming waste vehicles proceed to an onsite weighbridge where they are then weighed and assessed. Wastes are then tipped in the Waste and Recycling Transfer Building, where they are inspected for suitability, and reloaded if they are found to be unacceptable. Wastes are then sorted and loaded onto waste transfer vehicles prior to their removal from site.

2.2. Quantity and Composition of Wastes Received

Table 2.2.1. lists the incoming wastes that were received at the facility during the period 1st January 2011 to 31st December 2011.

Table 2.2.1. Waste Received at the Facility from 1st January 2011 to 31st December 2011

Waste Type	Annual limits	Quantity (tonnes)
Household waste	20,000	18,903
Commercial waste	20,000	13,597
Construction and Demolition waste	80,000	1,887
Industrial Non-hazardous wastes	10,000	714
TOTAL	**130,000**	**35,102**

2.3. Waste Sent Offsite for Recovery or Disposal

Tables 2.3.1 and 2.3.2. list the quantities of outgoing waste from the waste transfer station during the reporting period 1st January 2011 to 31st December 2011.

Table 2.3.1. Waste Sent Offsite for Disposal from 1st January 2011 to 31st December 2011

Waste Type	Quantity (tonnes)
Household Waste	16,921
Commercial Waste	11,281
Total	**28,202**

Table 2.3.2. Waste Sent Offsite for Recovery from 1st January 2011 to 31st December 2011

Waste Type	
Household Waste	2,066
Commercial Waste	2,315
Construction and Demolition waste	1,732
Industrial Non-hazardous wastes	707
Total	**6,820**

Total waste sent offsite during 2011 therefore amounts to 35,022 tonnes, which is 80 tonnes less than the value for incoming waste. The difference arose from difficulties in transporting waste during the Christmas time. All the outstanding waste will be removed during January 2012.

2.4. Waste Previous year Received

Table 2.4.1. lists the incoming wastes that were received at the facility during the period 1st January 2010 to 31st December 2010.

Table 2.4.1. Waste Received at the Facility from 1st January 2010 to 31st December 2010

Waste Type	Annual limits	Quantity (tonnes)
Household waste	20,000	14,904
Commercial waste	20,000	12,420
Construction and Demolition waste	80,000	1,890
Industrial Non-hazardous wastes	10,000	1,004
TOTAL	**130,000**	**30,218**

2.5. Waste Sent Offsite for Recovery or Disposal for Previous Year

Tables 2.5.1. and 2.5.2. list the quantities of outgoing waste from the waste transfer station during the reporting period 1st January 2010 to 31st December 2010.

Table 2.5.1. Waste Sent Offsite for Disposal from 1st January 2010 to 31st December 2010

Waste Type	Quantity (tonnes)
Household Waste	12,579
Commercial Waste	10,292
Total	**22,871**

Table 2.5.2. Waste Sent Offsite for Recovery from 1st January 2010 to 31st December 2010

Waste Type	Quantity (tonnes)
Household Waste	2,492
Commercial Waste	2,210
Construction and Demolition waste	1,961
Industrial Non-hazardous wastes	1,059
Total	**7,722**

Total waste sent offsite during 2010 therefore amounts to 30,593 tonnes, which is 375 tonnes more than the value for incoming waste. The difference arose from difficulties in transporting waste during the periods of adverse weather conditions, at the beginning and end of 2010. Some of the waste was removed during January 2010 as storage waste from 2009.

3. Summary Report on Emissions

3.1. Monitoring Schedule

Table 3.1.1. presents the monitoring and reporting requirements in compliance with Waste License 148-1 Schedule D: Monitoring.

Table 3.1.1. Monitoring Requirements, Schedule D of Waste Licence 148-1

Media	Parameter	Monitoring Frequency	Reporting Frequency
Integrity Test*	Levels	Once every three years	Annually
Surface Water	Quality	Quarterly	Quarterly
Groundwater**	Quantity/ Quality	Annually	Quarterly
Noise***	Levels	Once every two years	Annually
Dust	Quantity	Three times per year	Three times per year
Air	Total Particulates	Annually	Annually

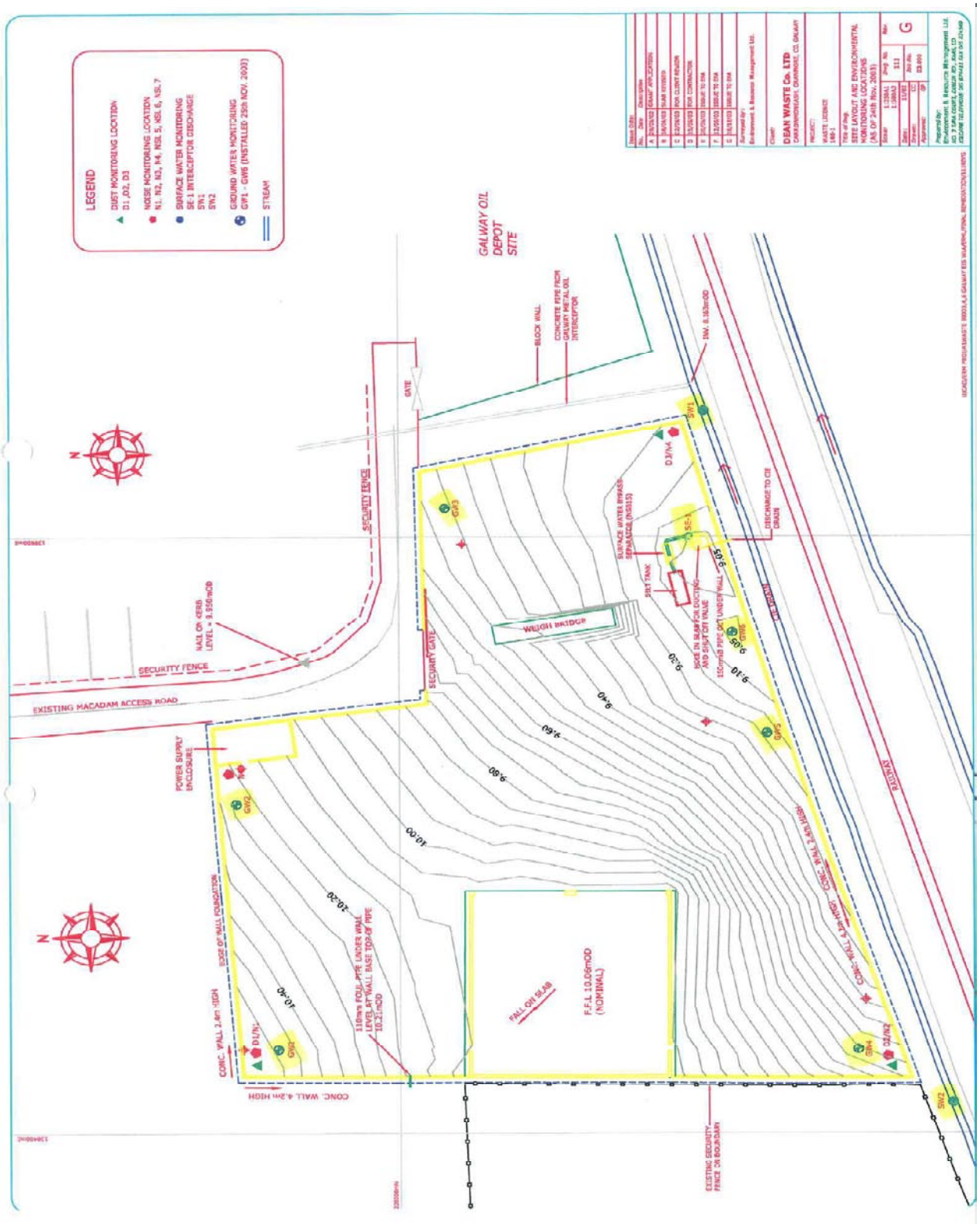
*Integrity Test according with Condition 3.12.4 all inlets, outlets, vent pipes, values and gauges must be within the bunded area. This confirmation shall be repeated at least once every three years thereafter and reported to the Agency on each occasion. Next integrity test will be in October 2012.

**Further to a letter sent by the EPA on 23rd June 2005 (EPA Ref:148-1/GEN07), monitoring of groundwater at each of the six boreholes was reduced from quarterly to bi-annually.

**Further to correspondence from 20th December 2010 (W0148-01 (11) AP24JG.docx) the monitoring frequency has been changed from bi –annually to annual monitoring.

*** Further to letter sent by EPA on 29th November (W0148-01 (10) AP22JG.docx), the frequency of noise monitoring has been changed to once every two years. Next noise monitoring will be done in 2012.

McCarthy Keville O'Sullivan Environmental Consultants are employed by The City Bin Co for overall management of the license monitoring program. McCarthy Keville O'Sullivan conduct all monitoring and are responsible for submitting the quarterly environmental report on The City Bin Co behalf.


LEGEND
DUST MONITORING LOCATION
D1,D2, D3
NOISE MONITORING LOCATION
N1, N2, N3, N4, NSL 5, NSL 6, NSL 7
SURFACE WATER MONITORING
SE-1 INTERCEPTOR DISCHARGE
SW1
SW2
GROUND WATER MONITORING
GW1 - GW6 (INSTALLED 25th NOV. 2003)
STREAM
GALWAY OIL DEPOT SITE
BLOCK WALL
CONCRETE PIPE FROM GALWAY OIL DEPOT INTERCEPTOR
GATE
SECURITY FENCE
NAIL ON KERB LEVEL = 9.936mOD
EXISTING MACADAM ACCESS ROAD
SECURITY GATE
WEIGH BRIDGE
SURFACE WATER BYPASS SEPARATOR (NSS15)
SILT TANK
DISCHARGE TO CIE DRAIN
POWER SUPPLY ENCLOSURE
CONC. WALL 1.4m HIGH
CONC. WALL 4.2m HIGH
CONC. WALL 2.4m HIGH
110mm POLYPIPE UNDER WALL LEVEL AT WALL BASE TOP OF PIPE 10.21mOD
FALL ON SLAB
F.F.L 10.06mOD (NOMINAL)
EXISTING SECURITY FENCE ON BOUNDARY
RAILWAY
DISCHARGE TO CIE DRAIN
DEAN WASTE Co. LTD
SITE LAYOUT AND ENVIRONMENTAL MONITORING LOCATIONS

3.2. Dust Monitoring

A summary of the Dust deposition rates for The City Bin Co Transfer Station during reporting period are presented in table 3.2.1.

Table 3.2.1. Dust Deposition Rates

Sampling Point	Dust Deposition Rate (mg/m^2/day)		
	Q2 2011	Q3 2011*	Q4 2011
D2	197	95	109
D3	204	39	103
D4	38	28	68

*Q3 dust monitoring had to be completed during the Q3-Q4 monitoring period due to dust pots falling down in the first attempt during Q3. This was detailed in correspondence sent on the 20th September 2011 by McCarthy Keville O'Sullivan.

3.2.2. Summary of Results

Currently in Ireland there are no statutory limits for total dust deposition. The EPA however, recommends a maximum level of 350 mg/m^2/day of dust deposition when measured according to TA Luft standard, which includes both soluble and insoluble matter (i.e. EPA compliance monitoring is based on the TA Luft Method). This limit value is stated in the Waste License for the facility, No. 148-1. The values presented in Table 3.2 show that total depositional dust levels measured at monitoring locations during the last year 2011 were significantly below the 350 mg/m^2/day limit value. There is no evidence of nuisance dust being present at the site.

3.3. Air Monitoring

A result of the Air monitoring for The City Bin Co Transfer Station during reporting period is present in table 3.3.1.

Table 3.3.1. Average ambient PM 10 concentration in Q4 2011

Date	Ambient PM10 conc. (ug/m^3)
Monitoring Location D1	18
Limit Value at 98.07th percentile	50 [1,2]
Limit value-annual mean	20 [3]

[1] Irish and EU ambient air standard (SI 271 of 2002 and 1999/30/EC) as a 24-hour average
[2] Maximum number of exceedence seven times in a one-year period
[3] Annual limit value for Stage 2 implementation

3.3.2. Summary of Results

Major sources of particulates include industrial/residential combustion and processing, energy generation, vehicular emissions and construction projects. PM10 monitoring in Ireland is limited to continuous monitoring stations operated by the Local Authorities and the Irish EPA, mainly in large urban centres. Average 24-hour ambient air concentrations monitored in the Phoenix Park and Whitehall respectively are in the range of 16 µg per cubic metre and 17 µg per cubic metre for an annual mean in 1999. The EPA measured an annual mean of 15 µg per cubic metre at a monitoring station located within the Phoenix Park. The dominant source of PM10 in that area appeared to be vehicle emissions, boilers (home heating and industrial heating), industrial processes and construction activities. The average ambient PM10 value recorded at the City Bin Co. Ltd. facility was 18 µg per cubic metre, which was on average 57% lower than the Irish and EU ambient air quality limit value.

3.4. Surface Water Monitoring

Four surface water-sampling events were undertaken at three monitoring locations SW-1, SW-2 and SE-1 during the monitoring period. The ranges of values recorded for each parameter over the reporting period are shown in Table 3.4.1.

Table 3.4.1. Surface Water Monitoring Results: Low - High Range 1st January 2011 to 31st December 2011.

Parameter	Units	Monitoring Location			Waste Licence Trigger Limits for SE1
		SW1	SW2	SE1	
BOD	mg/l	<2-29.3	<1-3	3-7.77	25
Total Suspended Solids	mg/l	<6-34	2-<10.5	10.5-43	60
Oils Fats and Greases	mg/l	<1-2.75	<1	<1-1.32	-
pH	-	2.11-8.37	1.73-8.5	7.55-8.51	-
Total Ammonia	mg/l	<0.536-1.19	<02	<0.2-0.99	-
TPH	mg/l	<1-275	<1	<1-1.32	
Mineral Oil	mg/l	0.1-0.92	<0.001-<0.01	0.044-0.45	5

3.4.2. Summary of Results

Surface water results for this sampling period are all within 'typical' level with the BOD and Total Suspended Solids within the waste licence trigger limits for SE1. Results indicate that waste transfer station activities are not resulting in any pollution to local stream.

3.5. Groundwater Monitoring

Groundwater samples are taken on a bi-annual basis at six monitoring locations, GW-1, GW-2, GW-3, GW4, GW5 and GW6, during the monitoring period. Groundwater sampling was carried out during the third quarter of 2011 at the waste transfer station. The ranges of results recorded during sampling are presented in Table 3.5.1.

Table 3.5.1. Groundwater Monitoring Results: Low - High Range 1st January 2011 to 31st December 2011.

Parameter	Units	GW1	GW2	GW3	GW4	GW5	GW6
Diesel Range Organics	ug/l	323	169	62000	148	186	681
Mineral Oil by GC	ug/l	<10	<10	39200	<10	<10	367
Petrol Range Organics C_5-C_{12}	ug/l	<50	289	825	<50	<50	<50
Benzene	ug/l	<7	<7	<7	<7	<7	<7
Toluene	ug/l	<4	<4	<4	<4	<4	<4
Ethylbenzene	ug/l	<5	<5	<5	<5	<5	<5
Total Xylene	ug/l	<3	<3	<3	<3	<3	<3
Conductivity (at 25 deg. ^{o}C)	mS/cm	0.566	0.456	0.492	0.383	0.631	0.22

3.5.2. Summary of Results

Results show elevations in Diesel Range Organics, Mineral oil, Petrol Range Organic in GW1, GW2, GW6 and in particular GW3. These results show similar trends to those submitted in previous reports. Further to an EPA request, a report detailing this trend of elevations in PRO, DRO and Mineral oil in groundwater quality was sent to the EPA in September 2008. Conclusions showed that elevations above IGV values for groundwater have occurred in groundwater monitoring locations at the waste facility since Q3 2006 in particular at GW2, GW3 and GW6. Further to continuous monitoring conducted by McCarthy Keville O'Sullivan Ltd, these elevations were not as a result of activities taking place within the transfer station grounds but from activities which occur external to the site. There is no activity onsite that could rise to such activities.

All other groundwater results are shown to be within normal low limits.

3.6. Foul Water Transported Offsite

Foul water, which was the result of cleans up of drainage sump and oil and grit interceptor, was collected and disposed of safely by Wers Waste Ltd. A total of 2,000 litres of liquid (EWC 13 05 07) was collected on 10th of September 2011.

4. Resource and Energy Consumption

Table 4.1 present the resource and energy consumption at the facility during the reporting period 1st January 2011 to 31st December 2011.

Table 4.1. Energy and Resource Consumption.

Resource/ Energy Use	Quantity	Unit
Electricity	**59,405**	**kWhr**
Diesel	**11,923**	**Liter**

5. Report on Development Work

5.1. Works for the Preceding year

During the reporting period 1st January 2011 to 31st December 2011 the licensee has completed the development works as listed in Table 5.1.1.

Table 5.1.1. Development Works between 1st January 2011 and 31st December 2011

Item	Works	Licence Condition
1.	Reduce energy usage	partial
2.	Cover the public area (subject to planning permission)	partial
3.		

5.2. Works for the Coming Year

The following is the proposed works for the reporting period 1st January 2012 to 31st December 2012 the licensee has currently planned as listed in Table 5.2.1.

Table 5.2.1. Proposed Development Works between 1st January 2012 and 31st December 2012.

Item	Works	Licence Condition
1	Update Dust extraction system for transfer station shed	7.5.1
2	Update the waste receptacles in the public area	N/A

6. Schedule of Environmental Targets and Objectives

6.1. Objectives and Targets for the Preceding Year

Table 6.1.1 below is the environmental objectives and targets set for 2011.

Table 6.1.1 Objectives & Targets for 2011

Objective	Target	Responsibility	Completion
Increase landfill diversion.	Divert 5% of suitable landfill waste received at the facility to recovery or recycling facilities. **Method to achieved the target:** By mechanical means i.e. Segregation with use of Teleporter	Facility Manager	Partial
Increase recycling	Improve the awareness of recycling at the transfer station – more marketing on waste separation at the public section of the site **Method to achieved the target:** Erecting extra signage on Public area and educating public users	Facility Manager	Dec 2011
Energy Usage	Reduce the amount of energy used by the transfer station by 5% i.e. electricity & diesel consumption **Method to achieved the target:** Inserting timing switches on all light fittings to control lighting patterns	Facility Manager	Dec 2011
Site office Automation System	To move to a more paperless system. **Method to achieved the target:** On going to update systems to store all waste related documents	Facility Manager	Dec 2011
To facilitate all weather access to our public recycling area	Enclose under cover public amenity area in Transfer Station. **Method to achieved the target:** On going subject to planning permission	Facility Manager	Partial
Increase range of recycling facilities for the General Public	Install a WEEE reception area / cages. **Method to achieved the target:** Planning the WEEE installation on Transfer Station for public customers.	Facility Manager	Partial

6.2. Objectives and Targets for the Forthcoming Year

The objectives and targets listed in Table 6.2.1 have been set for 2012.

Table 6.2.1 Objectives & Targets for 2012

Objective	Target	Responsibility	Completion
Energy Usage	Reduce the amount of energy used by the transfer station by 5% i.e. electricity & diesel consumption **Method to achieved the target:** Inserting timing switches on all light fittings to control lighting patterns	Facility Manager	Dec 2012
Site office Automation System	To move to a more paperless system. **Method to achieved the target** On going to update systems to store all waste related documents	Facility Manager	Dec 2012
Odour Management and abetment	To develop an improved odour management system so that no complaints are received from either Public or EPA regarding Odour **Method to achieved the target** Keep EWC 200301 to a minimum over night by increasing out put from facility on a daily basis	Facility Manager	December 2012
Train All Staff to appropriate level for their position	Ensure all staff are fully trained in all relevant areas relating to their role, especially in areas relating to Environmental management and protection **Method to achieved the target** Personal one to one training with Facility Manager	Facility Manager	December 2012
Establish Energy usage with a view to further reducing efficiency within the facility	Further reduce energy by fitting hi - spec energy efficient lights both internal and external on the facility **Method to achieved the target** Capital investment	Facility Manager	December 2012

7. Description of Procedures Developed

A review of the site procedures was carried out, and amendments were made to the below procedure, please see Table 7.1

Table 7.1 Procedures Developed in the Reporting Period

Procedure	Description
EP7001	Transfer Station Management Structure
EF7013	Communication Programme
EP7015	Environmental Sampling, Monitoring and Reporting Personnel
EP7019	Decommissioning and Aftercare Plan

8. Tanks, Pipeline, Drum and Bund Inspection

8.1. Tanks

Water tanks onsite were inspected by McCarthy Keville O'Sullivan Engineer Brian Keville B.Sc. (Env) on 15th of October 2010 and do not appear to have any leaks. The overflow system is working properly. The next inspection will be in October 2012.

8.2. Pipework

There are two pipe work systems at the facility; one collecting rainwater from the roof and carrying the water to the water tanks on site and one connecting the silt interceptor to the hydrocarbon interceptor which leads to the SE1 sump and then to the outer surface water drain. The rainwater pipeline is inspected on a weekly basis and was visually inspected before this AER was completed. It was found to be fully intact and working efficiently. The silt interceptor/hydrocarbon interceptor pipeline is located underground under a concrete slab. The pipe was inspected before the AER was completed and is transmitting water as intended. The flow of water in the SE-1 sump, which is pumped into the external surface water drain, was inspected and found to be flowing freely.

8.3. Bunds and Drums

There are no bunds or drums present at the facility as no fuels or hazardous material are stored onsite. No testing or inspections of bunds and drums was therefore required.

9. Report Incident and Complaint Summaries

Condition 11.2 of Waste Licence Register No. 148-1 requires a notification of the Agency in case an incident has, or may have, taken place at the facility. Incidents are described in Condition 1.7 of the License.

There was one complaint, which gave reason to submit to Agency complaint during the reporting period.

The complaint was notified by EPA inspector Mrs. Helen Boyce on behalf of Galway Oil Company made in 15th June 2011 in relation to odour at transfer station. The problem was solved and all waste including compost waste was removed during next few days from transfer station. The appropriate explanation was send to Environmental Protection Agency and letter with apology to Galway Oil Company.

10. Review of Nuisance Controls

The Licensee undertakes a weekly inspection of the facility and its immediate surroundings for nuisance caused by vermin, birds, flies, mud, dust and odours. The Facility Manager carries out these inspections. A written report of each inspection is filed and kept at the facility office.

10.1. Nuisance Caused by Vermin

Vermin control is carried out on the site by L.G Vaghaun & Sons (Rathfarnham, Dublin 16). This monitoring included regular site assessments and the maintenance (examining and replenishing) of bait boxes placed and fixed locations around the site. A minimum of eight site visits is undertaken annually.

10.2. Nuisance Caused by Birds

Two model MP3 Ultra Sonic Pest Scarers were installed in the warehouse building above the floor area to “cover” the entire floor space. The Ultra Sonic Pest Scarers deter pests, in particular birds, from the warehouse. Birds have not been reported as being a nuisance at the transfer station.

10.3. Nuisance Caused by Mud and Dust

Monitoring for dust emissions on the site is carried out three times per year, as detailed in Section 3.2 of this report. Dust emission monitoring at the facility indicates that dust emissions levels are below the emissions limits set out in the Schedule C of Waste License 148-1 and are therefore not considered a nuisance.

10.4. Nuisance Caused by Odours

Due to the nature of waste accepted at the facility, the low residence time of the waste and operational practice employed at the facility, the potential for odour to become a nuisance in the local environment is considered to be minimal. However, there was one complaint last year regarding odour. New targets put in place to manage odour been implemented so that no complaints are received from the public in the future.

11. Financial Provision

The Waste Licence holder annually provides the Environmental Protection Agency with a minimum of €9,047.68 for services they provide in relation to overseeing the Waste License. Fees have been paid to EPA since the commencement of waste acceptance activities at the facility.

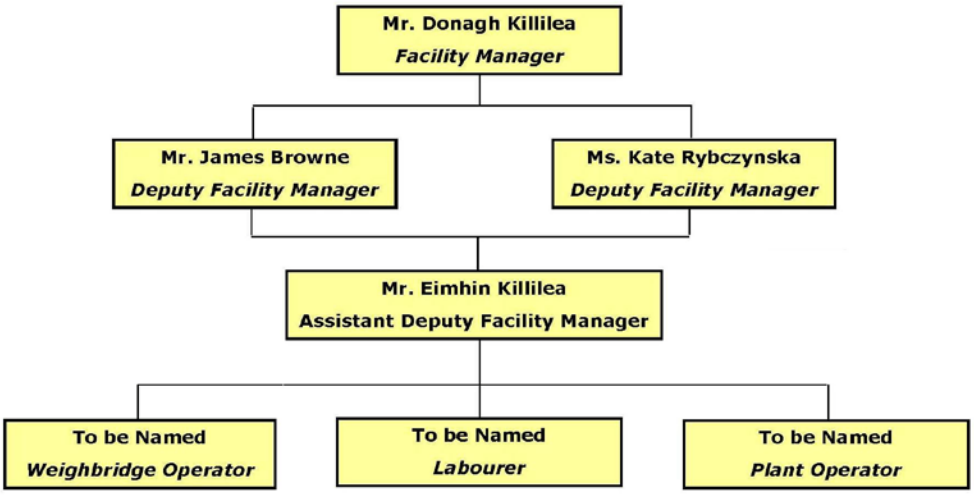
Cost estimates have been made regarding the potential environmental liability of operation and decommissioning. To cover any environmental pollution events and pursuant to Condition 12.2.2 of Waste License 148-1, the Licensee has taken out an Environmental Site Liability Insurance Policy with Chubb Insurance Company of Europe.

To cover the costs of closure and decommissioning, which has been estimated at €70,000, the Licensee proposes to use operating capital and/or overdraft facilities available to the Licensee.

12. Transfer Station Management and Staffing Structure

The Facility Manager at the site is Mr. Donagh Killilea. There are also two Deputy Facility Managers: Mr. James Browne and Mrs. Katarzyna (Kate) Rybczynska. Mr. Eimhin Killilea is the Assistant Facility Manager. Please see table 12.1.

Table 12.1 Transfer Station Manager Structure.



The City Bin Co.
Waste Transfer Facility Management Structure
Carrowmoneash, Oranmore, Co. Galway.

13. Decommissioning Plan

According with Environmental Agency request from the Audit report in 29th September 2010 Ref: (148-1)10Sll2JG the Decommissioning Plan has been written and submitted to the Agency. The Decommissioning Plan will be reviewed annual accordance with licence.

The summary results for the Decommissioning Plan present the table 13.1.

Table 13.1: Summary Decommissioning Plan Table.

Item	Frequency	Cost
Abatement Installation, Control and Monitoring		
Abatement	N/A	-
Control	Annual	€2,200
Monitoring	Annual (Cost)	€6,250* €7,750**
Closure and Remediation of the site		
Closure and Decommissioning of facility	Once-off (on closure)	€70,000
Clean-up following a plausible accident/incident		
Clean-up after pollution incident	Infrequent	€5,622
Long-term aftercare for residual environmental liabilities		
N/a	N/a	-

**Excluding Noise Monitoring*
*** Including Noise Monitoring*

14. Programme for Public Information

A facility notice board has been erected which indicates contact details for the licensee and where the public may get environmental information. The management of the company would be pleased to meet with or contact members of the public to address any legitimate issues that are raised in writing.

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	City Bin Company Limited
Facility Name	City Bin Co Ltd
PRTR Identification Number	W0148
Licence Number	W0148-01

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	Townlands of Carrowmoneash
Address 2	Oranmore
Address 3	County Galway
Address 4	
	Galway
Country	Ireland
Coordinates of Location	-8.92349 53.2808
River Basin District	IEWE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Niall Killilea
AER Returns Contact Email Address	info@citybin.com
AER Returns Contact Position	Managing Director
AER Returns Contact Telephone Number	091787800
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	091787879
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	23000
Number of Employees	60
User Feedback/Comments	
Web Address	www.citybin.com

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(c)	Installations for the disposal of non-hazardous waste
5(c) 50.1	Installations for the disposal of non-hazardous waste General

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

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

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KG			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					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 AIR					Please enter all quantities in this section in KG			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

RELEASES TO AIR					Please enter all quantities in this section in KG			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

Additional Data Requested from Landfill operators

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

Landfill: City Bin Co 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 pe 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 Sectior A above)	0.0				N/A	

4.2 RELEASES TO WATERS

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

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

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

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

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) 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

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 06	No	3604.58	mixed packaging	R5	M	Weighed	Offsite in Ireland	Wers Waste Ltd,Licence WR/84	Tuam Business Park,Weir Road Tuam ,Co Galway,0,Ireland		
Within the Country	17 01 07	No	108.02	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R5	M	Weighed	Offsite in Ireland	Thomas Lally,WP/39	Cappagh Road,Barna,Galway,0,Ireland		
Within the Country	17 09 04	No	582.22	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Wers Waste Ltd,Licence WR/84	Tuam Business Park,Weir Road Tuam ,Co Galway,0,Ireland		
Within the Country	17 09 04	No	31.8	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Nurendale Limited Trading as Panda Waste Service Limited ,W0140-03	Rathdrinagh Beauparc,Navan,County Meath.,0,Ireland		
Within the Country	17 09 04	No	1378.14	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Midland Waste Disposal Company Limited,W0131-02	Clonmagaddan,Proudstown ,Navan County Meath,0,Ireland		
Within the Country	17 09 04	No	455.74	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Clonmel Waste Disposal Ltd,WP008-02	Lawlesstown,Clonmel,Co Tipperary,0,Ireland		
Within the Country	20 01 08	No	658.78	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Galway City Council,Licence 13-1	Carrabrowne Landfill,Headfort Road,Galway,0,Ireland		
Within the Country	20 03 01	No	28202.2	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Bord na Móna Environmental Ltd,W0201-02	Main Street,Newbridge,Co. Kildare,0,Ireland		

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

Link to previous years waste data
Link to previous years waste summary data & percentage change