

Editorial

Spring is in the air, which must mean it's time for another Landfill Tax increase! From April 1st Landfill Tax will become £56.00 per tonne. When this is added to the rising cost of transporting waste, even with the 1p decrease in fuel duty, then most producers will see a significant rise in their waste bills. J&B Recycling however send very little to Landfill and recover as much as possible for recycling. In 2010 our Baltic Street and Thomlinson Road MRFs combined sent less than 10% of all of the material they received at the sites to Landfill. Mark Penny mark@jbrecycling.co.uk

Construction Waste - Halving Waste to Landfill



According to WRAP the construction industry is responsible for some 120 million tonnes of construction, demolition and excavation waste every year - around one third of all waste in the UK. Over 500 signatories including J&B have now signed up to WRAP's "Halving Waste to Landfill" commitment. Every Signatory has to sign the following statement of intent "We commit to playing our part in halving the amount of construction, demolition and excavation waste going to landfill by 2012. We will work to adopt and implement standards for good practice in reducing waste, recycling more, and increasing the use of recycled and recovered materials"


By supporting the Commitment and delivering against it each signatory has an opportunity to improve its performance, reduce its carbon footprint and show itself to be a leader in the sustainability arena.

From clients to developers, manufacturers, contractors and designers, WRAP are asking the industry as a whole to publicly support the sector goal of halving the amount of construction, demolition and excavation waste being sent to landfill by 2012. Achieving this industry goal means meeting the challenges being set by the Strategy for Sustainable Construction and the Scottish Government's policy of achieving Zero Waste.

<http://www.wrap.org.uk/construction/index.html>

In terms of construction, demolition and excavation waste handled by J&B our recovery rate for 2010 was 94% which compares to the industry average of 89% according to WRAP. We work with our Construction Sector customers to increase the quantity and quality of materials we recover and provide them with an effective measurement and reporting systems for the recovery of waste they produce on a site specific basis. This also helps them comply with their obligations for Site Waste Management Plans (SWMPs)



 Customer: ANY Site: Summary Month: Aug-09											Waste Stats			
											Waste Output	15.20		
											Recycling Rate	95%		
Types of Material Recycled in Tonnes												Total Recycled	Total to Landfill	Total Non Hazardous Waste (tonnes)
Lifts In period	Wood	Metal incl Cans	Inert e.g Bricks	Plastics and Poly	Card and Paper	Glass	Plaster board	Green Waste	Soil					
Site 1	2	1.14	0.71	0.28	0.14	0.43	0.00	0.00	0.00	0.00		2.70	0.14	2.84
Site 2	5	3.28	0.73	0.00	0.73	0.73	0.00	0.72	0.00	1.10		7.28	0.50	7.78
Site 3	3	0.91	0.05	3.30	0.05	0.05	0.05	0.05	0.00	0.00		4.48	0.10	4.58
	10	5.32	1.49	3.59	0.92	1.21	0.05	0.77	0.00	1.10		14.45	0.75	15.20

An example of a J&B Site-Specific Waste Analysis for a customer with 3 different sites

Legislation News

Controlled waste regulations 6 April 2011: Defra and the Welsh Assembly are proposing to replace the Controlled Waste Regulations 1992 with the Controlled Waste (England and Wales) Regulations 2011, coming into force on April 6th. The proposed regulations will be of interest to local authorities, managers of premises who currently pay a waste collection charge (such as prisons, hospitals and universities) and private waste contractors.

The main proposals include:

- Giving councils the power to charge for the disposal and collection of waste from non-domestic properties
- Reclassifying waste from certain properties as commercial and not household waste
- Retaining local authorities' discretion to decide when to charge depending on local circumstances and providing free disposal to charity shops and reuse organisations
- Retaining local authorities' duty to collect waste from certain organisations for public health protection

The Waste (England and Wales) Regulations 2011 (Date of enforcement to be confirmed): Will require businesses to confirm that they have applied the waste management hierarchy when transferring waste, and include a declaration on their waste transfer note or consignment note.

The hierarchy sets out, in order of priority, the waste management options that should be considered:

1. Waste prevention
2. Preparing of waste for reuse
3. Waste recycling
4. Recovery, e.g. energy recovery at EfW
5. Disposal at Landfill.

Whenever waste is passed on to someone else, the holder will have to declare on the waste transfer note, or consignment note for hazardous waste, that the waste management hierarchy has been applied. It must also include on the waste transfer note the 2007 Standard Industrial Classification (SIC) code of the holder transferring the waste.

The regulations implement the revised EU Waste Framework Directive 2008/98, which sets requirements for the collection, transport, recovery and disposal of waste and will therefore affect all waste producers. They will introduce a two-tier system for waste carrier, broker and dealer registration - upper tier and lower tier.

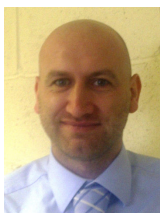
All organisations will need to register as an upper tier carrier or broker if they carry, broker or deal in other people's controlled waste, which includes commercial, industrial, household and hazardous waste, unless they are in one of the lower tier categories listed below. They will also need to register as an upper tier carrier if they carry their **own construction or demolition waste**. Upper tier registration lasts for three years, the same as waste carrier or broker registration currently. All such organisations will continue to pay a fee to register or renew their registration. They will only need to register as a lower tier carrier if they only carry, broker or deal in animal by-products, waste from mines and quarries, or waste from agricultural premises, or are a Local Authority or a charity or voluntary organisation.

From the end of December 2013 if you normally and regularly carry controlled waste produced by your own business, **other than construction or demolition waste**, then you will also have to register as a lower tier carrier. Registration as a lower tier carrier, broker or dealer is currently free and lasts indefinitely, unless the registration is revoked or withdrawn by the Environment Agency.

New Sales Team

J&B Recycling provides a range of recycling and waste management service to all types of business large or small across the North East. One of the services we offer is similar to the household kerbside box/bag/bin systems whereby wheelie bins are provided for all recyclable waste mixed together as a co-mingled collection which is then sorted at our MRF.

For any company interested in finding out more about the commercial opportunities that J&B Recycling can help with, two new representatives have been appointed to cover the North East.



Paul Killick covers Darlington and the Tees Valley. He can be contacted on: 07738 801101



Gavin Lish covers Durham and Tyne & Wear. He can be contacted on: 07595 652779

Both representatives can advise your business, large or small, on how you can not only help the environment, but also help reduce your waste management costs by providing a complete waste management solution for 'general waste' as well as the recycling of waste electrical items, wood, glass, construction materials, paper, cardboard and plastics to name but a few.

Materials Update

Russia's export restriction of scrap metal may benefit UK export market: The MRW reported recently on how Russia's decision to restrict the amount of scrap sent to the export market could benefit European scrap exporters such as the UK, as importing countries seek material from other sources.

www.mrw.co.uk/news/russias-restriction-of-scrap-metal-may-benefit-european-export-market/8613111.article

The Russian Federal Customs Service is planning to close the St Petersburg scrap export terminal, reducing the amount of scrap exported from Russia, in line with government's aim to keep material in the country for its own domestic mills. Traditionally Russian scrap exported from St Petersburg goes to Spain (50% of all Russian Scrap produced), Holland, France, Finland and Germany. Without Russia's scrap, countries usually buying from there will have to look elsewhere, such as to the UK, which does not deal directly with Russia in relation to the scrap market.



What impact will Japanese disaster have on recycled paper market?

Since the tsunami hit Japan there have been no dramatic changes in the recovered paper market. The MRW reports that around 2.5m tonnes of paper production in Japan have been taken offline, with 30% of Japan's mills being non operational. Of those taken offline are owned by the Nippon Paper Group who has reported that equipment and stocks have been damaged at these sites. However, there have been no significant price changes within the recovered paper market as a result of the crisis in Japan.

A lot of production has come to a halt in Japan as they are making fewer consumer goods with all sectors and factories being affected by the earthquake, therefore its own internal demand for packaging from recycled paper will be reduced. China will probably be most affected as it obtains recovered paper from Japan and may face a shortfall in supply. It is unlikely however that China will make up for this shortfall from Europe because if they put the order in now they would not receive the material for another six weeks due to the shipping time. In addition to this the development of China's own domestic collection and recycling infrastructure has meant that UK recovered paper exports to China have slowed recently, however China remains the largest receiver of UK recovered paper exports, at 61% in 2010, which accounts for 11% of China's total needs. At the same time Chinese demand for recovered plastic imports such as recycled plastic bottles has grown rapidly. Chinese demand for recovered plastics has grown from 15 million tonnes in 2007 to an estimated 19 million tonnes in 2010.

Huge Shortage of Waste Wood in the North East: Guy Evans of GE Environmental Consultants who gave an analysis of the waste wood market at a meeting of the North East Recycling Forum (NERF), of which J&B is a member, earlier this month has warned that the North East faces a 'massive shortage' of waste wood by the end of 2012, which will lead to fierce competition for material and could cause problems for both the biomass and panel board industries. After researching the issue Guy has calculated that demand for recycled woodchip in the North East is likely to exceed local supply by as much as 800,000 tonnes a year by the end of 2012.



Dalkia Plant 28/03/11 (Supplied by Mark Penny)

Recycled wood is sought after by biomass plant operators and chipboard manufacturers over virgin wood and green waste because it has a typical moisture content of 25%, compared to 55% which means that it is easier and cheaper to process or burn.

The North East England and Southern Scottish regions are already home to Semcorp's Wilton 10 biomass facility on Teesside and E.ON's biomass plant at Lockerbie, which produce electricity from burning wood. In addition to those plants another two large-scale wood burning biomass plants are being developed in the regions mentioned, with Dalkia's plant at Chilton in County Durham and RWE's facility at Markinch in Fife due to be on line at the end of the year, which will push up demand considerably.

Biomass plants which do not have a contracted supply of material will have cause for concern and might need to look at burning different fuels such as more virgin, oversize compost and Refuse Derived Fuel (RDF). The problem of fuel supply is already preventing many biomass projects from getting off the ground, with banks unwilling to finance facilities which do not have a secure feedstock.



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