

Waste Not

Autumn, 2012

Carbon Tax - how will KS Environmental be impacted?

The Carbon Pricing Mechanism (commonly referred to as the Carbon Tax) will take effect from 1 July 2012.

This tax directly impacts businesses that emit high amounts of carbon pollution (over 25,000 tonnes of CO₂-e emissions each year). For the first 3 years the price of carbon is set (proposed at \$23 per tonne for the 2012-13 financial year then increasing 2.5% a year). From 1 July 2015 the price will then be determined by the market.

While we are starting to hear more through the media from various organisations (such as airlines and hospitals) about how they believe the carbon price will impact them, until the tax is implemented much of this is all still speculation.

Impacts for KS Environmental and its customers.

We know from a paper issued from the Metropolitan Waste Management Group that Landfill Operators will be liable for the carbon price and will be required to estimate their emissions using a complex formula that assumes different carbon contents and decay rate for different waste



materials. The default emission rate for municipal waste is expected to work out at about 1.2 tonnes of CO₂-e per tonne of waste.

What this means is that while we do not know by exactly how much, costs for landfill operators will be increasing and as a result it's expected that landfill disposal costs will increase. KS Environmental does not currently own any of its own landfill sites and is therefore reliant on third parties and dictated by market costs for disposal.

There are a number of other changes affecting the industry including increasing landfill operating costs, a likely reduction in the diesel fuel rebate and an additional

carbon price on heavy on-road vehicles (from 1 July 2014). While we don't have any further specific information at this stage we will keep our website, www.ksenvironmental.com.au updated as developments come to hand.

Our recommendation is that landfill should be seen as a last resort and this new carbon price is another prompt to make recycling and other alternatives the key.

Should you wish to discuss your waste management circumstances please contact your current representative or email us on sales@ksenvironmental.com.au and we will get back to you.



NEW online payment facility

KS Environmental and Eastern Liquid are pleased to let you know that we now offer the option to pay your account online with either a Visa or MasterCard.

Simply visit www.ksenvironmental.com.au or www.easternliquid.com.au and go to the 'Online Payments' page (accessible from the home page) and follow the prompts.

This is a new service we are offering which we hope you will find convenient and save you some valuable time.

Eastern Liquid Treatment Plant



Where we are now (March 2012)

We are pleased to report that the Eastern Liquid Treatment Plant is well under way and on schedule for completion mid year. The pictures above show how far we have come since last year. Below is an update from Eastern Liquid Manager Morrie Caddie on how the Plant is progressing and the benefits it will bring for our customers.

Why is Eastern Liquid building the Treatment Plant?

Currently Eastern Liquid is at the mercy of third party suppliers for disposal of liquid waste. Opening up our own Treatment Plant is not only an economically viable solution for us, it also means we control our own (and our customers') destiny.

At this point in time there are no treatment plants open on the weekend so we are forced to hold waste over this time and take it to treatment facilities on a Monday. The Eastern Liquid Treatment Plant will operate over the weekends (flexible hours on an 'as needed' basis) so we can combat this issue and have vehicles back on the road quickly to move onto the next job.

Our new facilities will be located in Dandenong (closer to our vehicles home in Dingley) which will mean our vehicles can operate more efficiently and with greater productivity.

What other benefits will the Treatment Plant have for current Eastern Liquid customers?

As our liquid waste disposal costs will no longer be dictated by a third party, Eastern Liquid will be able to better control costs to our clients and will be in a position to offer long term pricing structures to customers.

We will be able to offer disposal of other related wastes at a lower cost that in the past have not been possible.

What type of liquid waste will the Eastern Liquid Treatment Plant treat?

The facility will treat: wash waters, car wash waste, oils and waters, grease traps and spray booth waste.

How will the Treatment Plant operate?

The Treatment Plant will operate by taking the solids out of the liquid by machine (e.g.



Where it all began



Building...

centrifuge). We will also be operating a Dissolved Air Flotation system (DAF).

How many people will be employed, and in what jobs?

Initially Eastern Liquid will be employing 3 Operators for the Treatment Plant. Two will work front of house (unloading the vehicles etc) and the third will operate the Treatment Plant. Administration will continue to be carried out at our Boundary Road site.

Will anything be recycled?

Everything collected from the grease traps will be recycled. The treatment of the waste products will separate the oils and allow for tallow recovery for resale. The heating of the oils and fats will be sold as tallow.

Hopefully in the near future we will be able to fully recycle all other related products.

Where is the Plant located?

Our facility is located in Souffi Place, Dandenong on a two acre property with the Treatment Plant taking up one acre (approx).

Eastern Liquid Treatment Plant (cont.)



Getting the tanks in

What stage of development is the Plant up to now (as at March 2012)?

The building is completed and painted and is at lockup stage. The driveway is currently in process. Once the driveway is finished we will be moving the remaining tanks and infrastructure inside the building and completing operational fit out and commissioning.



The roof is on

When is it scheduled for completion?

Eastern Liquid is pleased to say we are on track to start operation of the facility on 1 July 2012. A commissioning process is scheduled from 1 June and is expected to take approximately one month.

'Meet the Management Team' - Tony Black, Operations Manager



Last issue we introduced you to our Managing Director Paul Smith and our Marketing and Sales Manager Tony Hawke. This issue we focus on the newest member of the management team who joined us in August 2011 - Tony Black, Operations Manager.

While Tony may be new to the company, he certainly isn't new to the industry with 24 years experience in waste management and recycling. Tony started out as a driver, moved on to be a supervisor and worked his way up in various management roles and has ultimately found himself as Operations Manager here at KS Environmental.

Throughout his time in the industry Tony has seen it evolve and change to become what he describes as 'a better regulated, environmentally conscious and professional industry'. As this continues, he looks forward to evolving with it and working to Paul Smith's philosophy of not being the biggest player in the industry but being the best.

Outside of work Tony enjoys keeping fit, following the AFL (supporting Collingwood), gardening and spending quality time with the family.

Super Trade Mission to India

In February this year, KS Environmental Group (KSE Group) Managing Director Paul Smith was lucky enough to attend the Super Trade Mission to India as part of the Cleantech sector.

The trade mission was led by Premier Ted Baillieu and was the states largest-ever trade mission to India with more than 220 Victorian companies involved. The aim of the trade mission was to boost Victoria's two-way trade and investment partnership with Indian businesses and the Indian community.

Paul personally had a few goals he wanted to achieve from the trade mission:

- To develop an understanding of the waste management problems facing the world in general.
- To develop stronger ties with policy makers in the EPA and Sustainability Victoria (SV) on behalf of KSE Group and the waste management industry overall.



- To promote KSE Group. This is the 2nd trip Paul has made and he was reacquainted with some old associates he met on a previous mission.

From all three accounts Paul was pleased with the trade mission and is looking forward to working more closely with the EPA and SV in the future.

KS Environmental and Social Responsibility

KS Environmental has a strong stance on social responsibility and we believe that business is not just about making money but rather making a difference to society where we can. Below is just one of the projects that the Company is associated with. In future newsletters we'll let you know what other types of things we've been involved with.



Who Will



Who Will is a local Non Government Organisation (NGO) registered in Cambodia dedicated to caring for orphans and disadvantaged children and poor Cambodian Communities.

Having been involved with Cambodian orphans and distressed children for more than 10 years, the founder Gerald Trevor reached the opinion that the current pattern of orphanages is outdated and children should, wherever possible, be raised in a proper family environment. Permanent residence in an orphanage should only be considered as a last resort.

Who Will is building a village that could ultimately comprise 10 family houses and ancillary accommodation. By the end of the year there will be 6 family houses in use. The overall aim is for our village to function as any normal local village and be assimilated into the local community.



Each house will have three children's bedrooms, a supervisor's bedroom suite and en-suite shower room and a kitchen/living room. Initially each of these will have a house mother with space for up to 10 children. The house mother will be responsible for bringing up her family as if their true mother. She will buy the food from the market, cook, clean and generally be their mother.

This organisation has NO administrative expenses as all of the Management Team donate their time and pay their own way. This means that 100% of all money raised goes into the project and is used for the benefit of the children.

KS Environmental have had hands on involvement with the set up of the new Village, with Paul Smith (Managing Director KS Environmental) visiting in November 2011. The company donated \$21,818 to Who Will in 2011.

Living sustainably - simple ways to save energy, water, waste and money!

From the ResourceSmart '10 smart ways to live sustainably' publication:

Tip # 3 - Keep your showers to less than four minutes.

By keeping your showers to less than four minutes an average household **can save around 90 litres of water per day**. Use a timer to keep track of your time in the shower.

For more tips on how to live sustainably visit resourcesmart.vic.gov.au

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Electronic Waste Not

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