

TMT PTY LTD
75 Sheppard Street
HUME ACT 2620
ACN: 061 339599
PO Box 269
Fyshwick 2609

Ph: (02) 62601261
Fax: (02) 6260136

28th April 1999

ESD Inquiry
Productivity Commission
LB2 Collins East P.0
Melbourne Vic 8003

Attention: Ms Thompson

In response to your request for failures in the quest to address environmental concerns, I forward the following dereliction of the Commonwealth to continue environment principles.

In 1990 the Commonwealth called for Expressions of Interest for the destruction of confidential material. My research found that shredding of this material destroyed the fibre & reduced the material to useless for recycling, at this time all shredded material was dumped at tip.

I then develop a pulping process that would preserve the fibre. It was then submitted to the commonwealth

The response was positive and I proceeded to build the plant. This process was very successful, for next 4 years my family company T.M.T Pty Ltd, destroyed confidential material for several government departments such as Department of Defence, Foreign Affairs, Treasury, ATSIC and many other departments and private companies.

The plant we built cost \$750,000.00 and in this time produced 7,000.00 tonnes back into paper & paper products. This represents 17 Trees to the tonne of virgin pulp. This pulping process can be continued without any destruction of the fibre over & over. A report by the CSIRO [enclosed] commissioned by T.M.T supports this claim without reservations.

The service provided to our customers has been without any disputation & the confidentiality never been in question. Any checking of our conduct will confirm this claim.

My environmental concerns are as follows;

Defence allowed a shredding company to undercut prices to absurd levels, such as \$30.00 per tonne against our \$600.00 per tonne to pickup and destroy 2 1/2 tonnes which took up 3 days per week. [No consideration for the environment]

Department of Foreign Affairs built the Casey Building and installed a shredding machine which completely destroyed the fibre. The total cost just to purchase this machine would have allowed them to use our service for at least 10 years.

Several other departments have followed these patterns allowing the shredding industry to destroy our endeavours for the environment. *No other reason can be given than to allow this process to close an environment success.*

Our costings are not an issue, as the pulping plant operational costs are much less than that of the process.

I shall respond to any further information you may require concerning this matter, I can be contacted on the number above.

Yours Faithfully

Mr Alex Shand
Managing Director
T.M.T Pty Ltd.

Recent research at the CSIRO tested the ability of shredded paper and macerated (pulped) paper to be recycled. Results of this research found that.

Pulp from the Macerator appears to approach or, in some respects, exceed a repulped never used office white paper in general paper making properties.

Pulp from medium shredded paper is of somewhat lower quality than macerated pulp. It has a lower strength, drainage property and tearing resistance when compared to the macerated pulp.

Pulp from fine shredded paper was found to be by all accounts an inferior paper-making material.

The shredded material is of a lesser quality when used for recycling. This is in part due to the shredding process destroying the fibre of the paper which is needed for the recycling process.

This research indicates that the method of destruction used by TMT produces the best quality pulp for recycling and is the best environmental choice you can make for destroying and recycling of your waste paper.