

Re: Dynamics of an Earth Ring

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"Mighty Krell" <nospamohno@despammer.com> wrote in message
news:AYf8d.2598\$M05.68@newsread3.news.pas.earthlink.net...

>

> *"Mike Combs" <mikecombs@nospam.com_chg_nospam_2_ti> wrote in message*

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>> *Unless you establish the kind that breaks waste products down into their*

>> *constituent elements for re-use.*

>

> *Ahh, a MAGIC space station.*

Not at all. Chemical processes exist to break nearly anything down to, at the very least, small, simple molecules like water, CO₂, etc. We don't always use them here on Earth because many of them are energy-intensive, and it's usually cheaper to just dump the waste somewhere and buy new raw materials. But in a space habitat, raw materials would cost a lot more than energy. So there's an economic incentive for breaking down all waste products for re-use.

Look into super-critical combustion chambers for just one possible process.

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Regards,
Mike Combs

Member of the National Non-sequitur Society. We may not make
much sense, but we do like pizza.