



**Dream the Dream of
NO
WASTING**

**AUNTY ENTROPY
SAYS:**

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**ZERO WASTE
is Totally Impractical**



TO NO HANDPILE
JOGGING PATH

IMPORTED TORSIONALS

↑ 40
TO
80
FEET OF
COMPACTED
URBAN REFUSE

↓

LURKING BUGABOOS:
GAS & LEACHATES



**We have a right to leave
toxic dumps the way our
great-grandparents did.
(Didn't they?)**

When we find leachate in the Rio Grande,
we'll:

- 1 Let it flow "away" to the sea (and good
luck downstream); and
- 2 Let our great-grandchildren and the
river otters figure out how to get their own
darned drinking water.



ZERO WASTE = Fantasy



**THE LONE RECYCLER
SAYS:**


**REDUCE
+ REUSE
+ RECYCLE
= 0 WASTE**



**Still –
You got to have a dream.**

**If you don't have a dream,
how you gonna
have a dream come true?**

– Bloody Mary
"Happy Talk," "South Pacific,"
Rodgers and Hammerstein



**If we *could* eliminate
wasting – no landfill,
no incineration,
no garbage compost –
we'd need an expanded
ecosystem of enterprises.**



First, landfilling becomes fiendishly expensive.

**\$126-\$128/ton
in parts of California**



Second, Recycling and Composting Bins are Everywhere

- Work.
- Street corners.
- Hotels.
- Stores.
- Parking lots.



Home Doesn't Change Much

- The guys with personal scrapyards still have them.
- The folks with stuffed garages and basements still have them.
- Remember to take the cloth bags shopping, or buy paper ones.
- Every room has recycling bins but no wasting basket.



Shopping is Similar

- Packaging is flimsy and there isn't as much of it.
- If you forgot your cotton bag, you have to buy one made from paper or compostable plastic.



Stores Take Things Back

- Stores provide take-back areas. Walgreen's and CVS display collection boxes for used batteries and leftover pharmaceuticals. Hardware stores accept fluorescent bulbs, batteries, smoke detectors, etc.
- Consumers pay a recycling fee at the time of purchase.
- The fee is administered by an agency or private service company, which distributes the proceeds to recovery companies.



Stores Take Things Back

- Someone's job is to take full collection boxes to hubs or larger cities, where other people sort used and leftover products and send them to recovery companies.



Reuser Guys at Spokes

- Recycling spokes have reuser guys who work 1-5 days a week in small yards accepting, buying, and selling reusable goods. The yards may start quite small but will grow as their accumulations of stuff attract passersby and customers.
- The reusers have been trained in microbusiness by the Department of Economic Development or someone.
- Maybe they are Certified Reusers, trained by the Reuse Alliance (reusealliance.org).

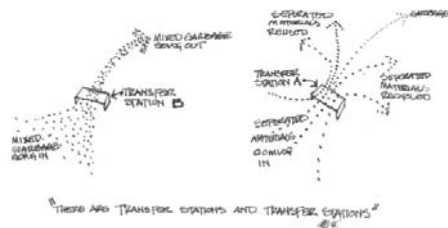


Reuser Guys at Spokes, 2

- They have business licenses and use forms and procedures structured for honest business.
- They set aside sorted toxic products, paint, fluorescent bulbs, bullets, and whatever else shows up.
- When the collection system is full, the products are returned to a processor using a reverse-direction distribution network.



Network of Zero-Waste Transfer Stations



Clusters of Artisans Around Transfer Stations

- New products from already-refined resources.
 - Art glass.
 - Lamps.
 - Cabinets from old wood.



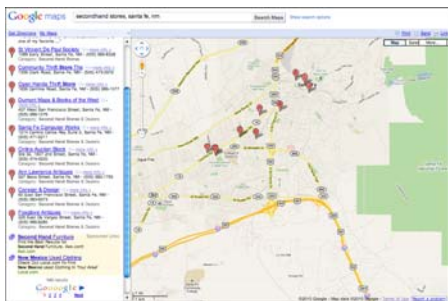
Clusters of Artisans Around Transfer Stations



Clusters of Artisans

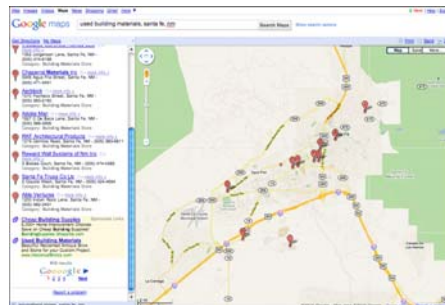


Reuse – Add to What's There



URBANORE
TO END THE AGE OF WASTE

Reuse – Add to What's There



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What Would YOU Like?

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