



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Presentation by Professor Jackson Lamb
Metropolitan State College
Denver, Colorado
lambjo@mscd.edu
303-556-3254



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

What do Massachusetts, New York, Oregon, Maine, Vermont, Hawaii, Connecticut, Delaware, Iowa, Michigan and California have in common?



Rocky Mountain Food Safety Conference
When Being Green Makes You Blue...

These states have mandatory
bottle-recycling laws in place



Rocky Mountain Food Safety Conference
When Being Green Makes You Blue...

What does Washington State
have that insures recycling
with their residents?



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Mandatory recycling of everything recyclable, enforced by the “recycle police”.



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

What does the city of
Newport Beach, California require
their residents to do for recycling?



Rocky Mountain Food Safety Conference
When Being Green Makes You Blue...

Absolutely nothing...

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- **Newport Beach Residential Recycling Overview**
- In compliance with the State-mandated recycling goals, the City contracts with CR&R to transport all City-collected solid waste to a materials recovery facility (MRF) where the waste is sorted for recyclable materials. The MRF is uniquely designed to separate and recover recyclable materials from unsorted (commingled) household waste. This process eliminates the need for additional containers and separate collection pick up normally associated with residential recycling programs. Even though residents are not required to separate their recyclables, it is encouraged to seal wet refuse in bags to prevent contamination of newsprint



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

How easy is it to...
reduce?
re-use?
recycle?



Rocky Mountain Food Safety Conference
When Being Green Makes You Blue...

The answer depends upon
who's doing it...

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- It seems like...
- The American public demands recycling initiatives...
- Yet, oftentimes, it's the American public that doesn't comply.
- Is the public too lazy, to un-informed, or apathetic?



Rocky Mountain Food Safety Conference
When Being Green Makes You Blue...

Let's examine what happens
in our own neighborhoods...

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Aramark, food concessionaire at Red Rocks Amphitheater, encourages patrons to “drop their litter on the ground”.





Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Committed to the green movement, Aramark has found that most patrons put the wrong refuse in the wrong bins. They encourage the leave-it-on-the-ground philosophy so that their facilities personnel can sort it correctly the first time.

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Locally, the city of Denver's Waste Management department and Alpine Waste lead the way in Single Stream Recycling.
- Single Stream Recycling allows clients to mix all recyclables together.



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

The city of Denver has a terrific video of their “Single Stream Recycling program.

Go to

http://denver.granicus.com/MediaPlayer.php?publish_id=52

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

The *Altogether Recycling™* program is the most comprehensive recycling program available. Here is a list of acceptable items that can be mixed “Altogether” in one container:

- Newspaper (including inserts)
- Corrugated Cardboard
- Office Paper
- Mixed Paper
- Chipboard (Cereal and Tissue Boxes)
- Brown Paper Bags
- Aluminum, Steel and Tin Cans
- Empty Aerosol Cans
- Glass Bottles
- Aluminum foil
- Pie Tins
- Detergent Bottles (Tide)
- Plastic Milk Jugs
- Magazines
- Bulk or Junk Mail

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- **Alpine Waste also features a composting program and accepts the following items:**
- Food Waste
- Coffee Grinds & Filters
- Cardboard (including waxed)
- Produce
- Plants & Flowers
- Paper Napkins/Paper Towels
- Pizza Boxes/Paper Board
- Wooden Stir Sticks
- Compostable Dinnerware
- Paper Bags
- Waxed Paper
- Compostable Trash Bags



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...



- So now, operations such as restaurants, no longer have garbage...
- What they have now is..
- Recyclables
- Compostables
- Other...



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Microbreweries save all their spent grain, and give it to local pig and cattle farmers as feed, sometimes in trade for their product



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Are there statutes in your environmental health communities that deal with those restaurants that are “doing the right thing” in trying to be as green as possible?



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

How long is an acceptable amount of time to have 800 lbs. of warm cooked malt, grain, rice and hops sit in an open container outside the back boor of a microbrewery?

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Almost like a scene in the movie “Ratatouille”, does this practice create a “Smorgasbord” for mice, rodents, squirrels, chipmunks and pigeons?
- On warm summer days, what about the attraction of flies?
- Do flies produce maggots?
- Is being green making you blue?

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- As restaurants practice being green by saving compostables, how long can these bins of plate scraps, food waste and rotting garbage occupy space in the alley?





Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Should there be a law where this food waste should be stored?
- Should it have a lid?
- Should it be under refrigeration?



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

For those operations in urban environments, pick up occurs on an every-other-day schedule.

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- In more rural areas, pick may not be as frequent.
- The food scraps become an issue in mountain areas because of bears and other critters.





Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

There is the possibility that an entire dumpster of recyclables (6 cubic yards) can be refused due to “contamination”

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Contamination exists when the following items are present in the recyclables...
- Disposable gloves
- Plastic wrap
- Plastic bags
- Styrofoam



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...



- How does this affect certain municipalities that are seeking “Mandatory Glove Usage” or “no bare hand contact” statutes?
- One local Denver restaurant reports it has quadrupled their glove usage since this time last year.
- They use them, but no one wants them in the recycling bins.



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

With the planning of the Democratic National Convention in Denver, the organizers demanded that all vendors, food operators and businesses related to the convention be “Certified Green”, with a goal of 85% of waste becoming recycled.



Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

The City of Denver created a
“Green Certification” office
and the rush was on to be
“Green-Certified”

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

Is a conflict in laws/statutes looming because of conflicting regulations from....

- Government mandates?
- Local environmental health offices?
- State health offices?
- Environmental Protection Agency?

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- Instead of making you blue, as your municipality looks into recycling, determine how these green initiatives will affect...
- A conflict between local, state and federal laws
- The public health
- The providers of food service to the public

Rocky Mountain Food Safety Conference When Being Green Makes You Blue...

- For further information and discussion, contact:

Professor Jackson Lamb
Hospitality, Tourism and Event management
Metropolitan State College
Denver, Colorado
lambjo@mscd.edu
303-556-3254