



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

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Bureau of Sustainable Materials Management
www.nevadarecycles.nv.gov



Nevada Department of Conservation & Natural Resources

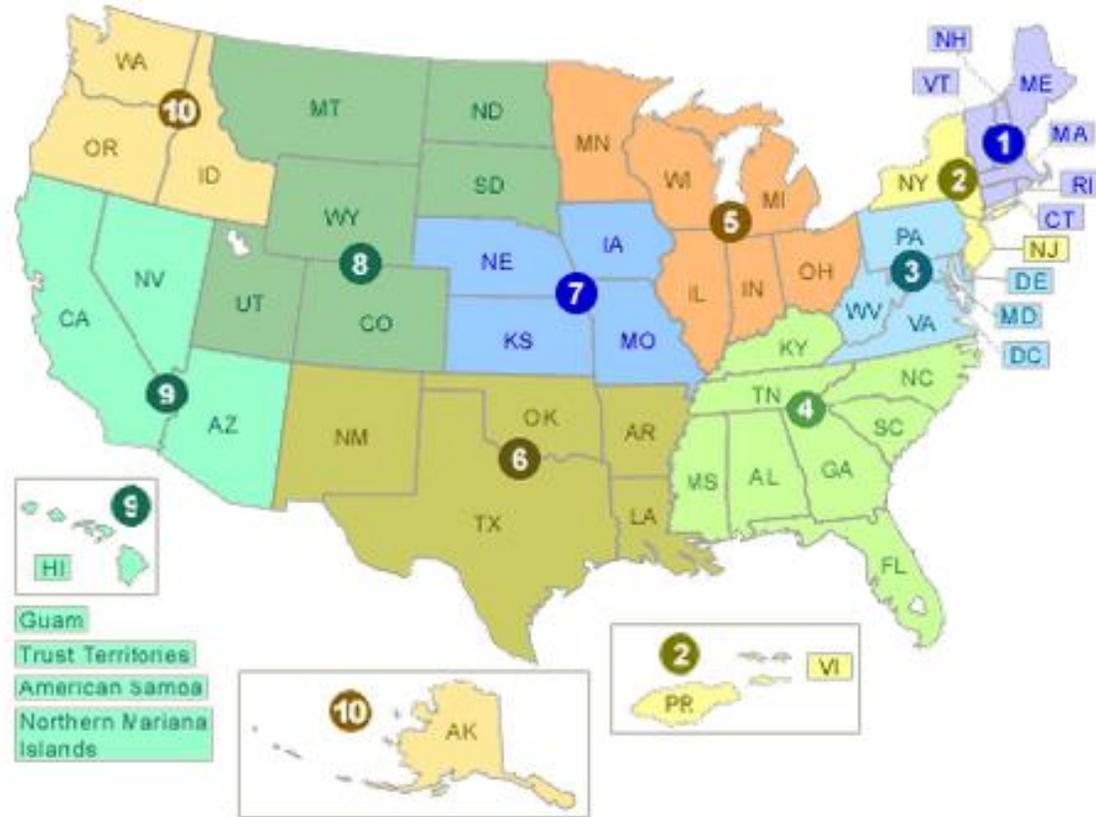
Agencies

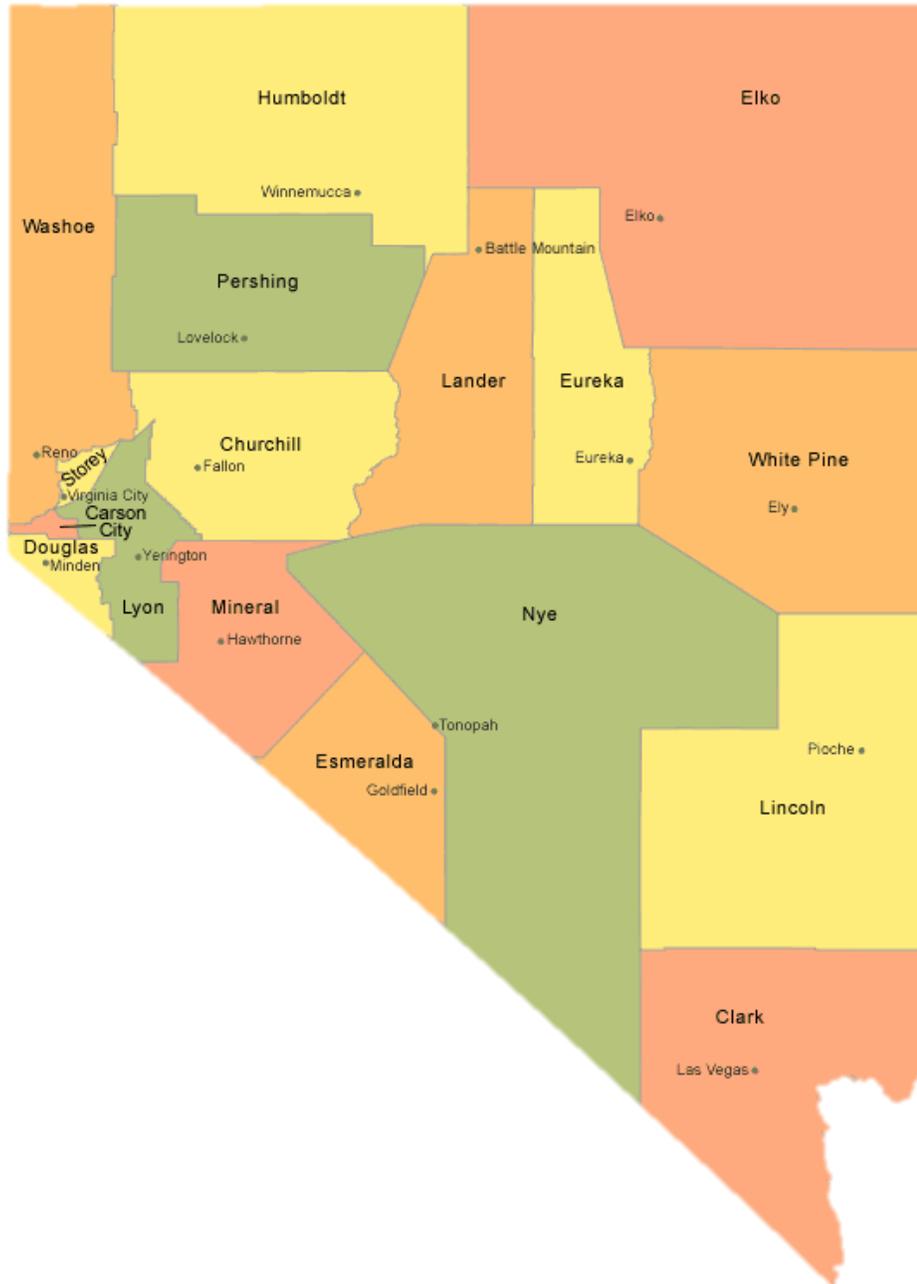
- Conservation District Program
- Division of Environmental Protection
- Division of Forestry
- Division of State Lands
- Division of State Parks
- Division of Water Resources
- Natural Heritage Program
- State Historic Preservation Office

Bureau of Air Quality Planning
Bureau of Water Pollution Control
Bureau of Safe Drinking Water
Bureau of Waste Management



Map Of EPA Regions

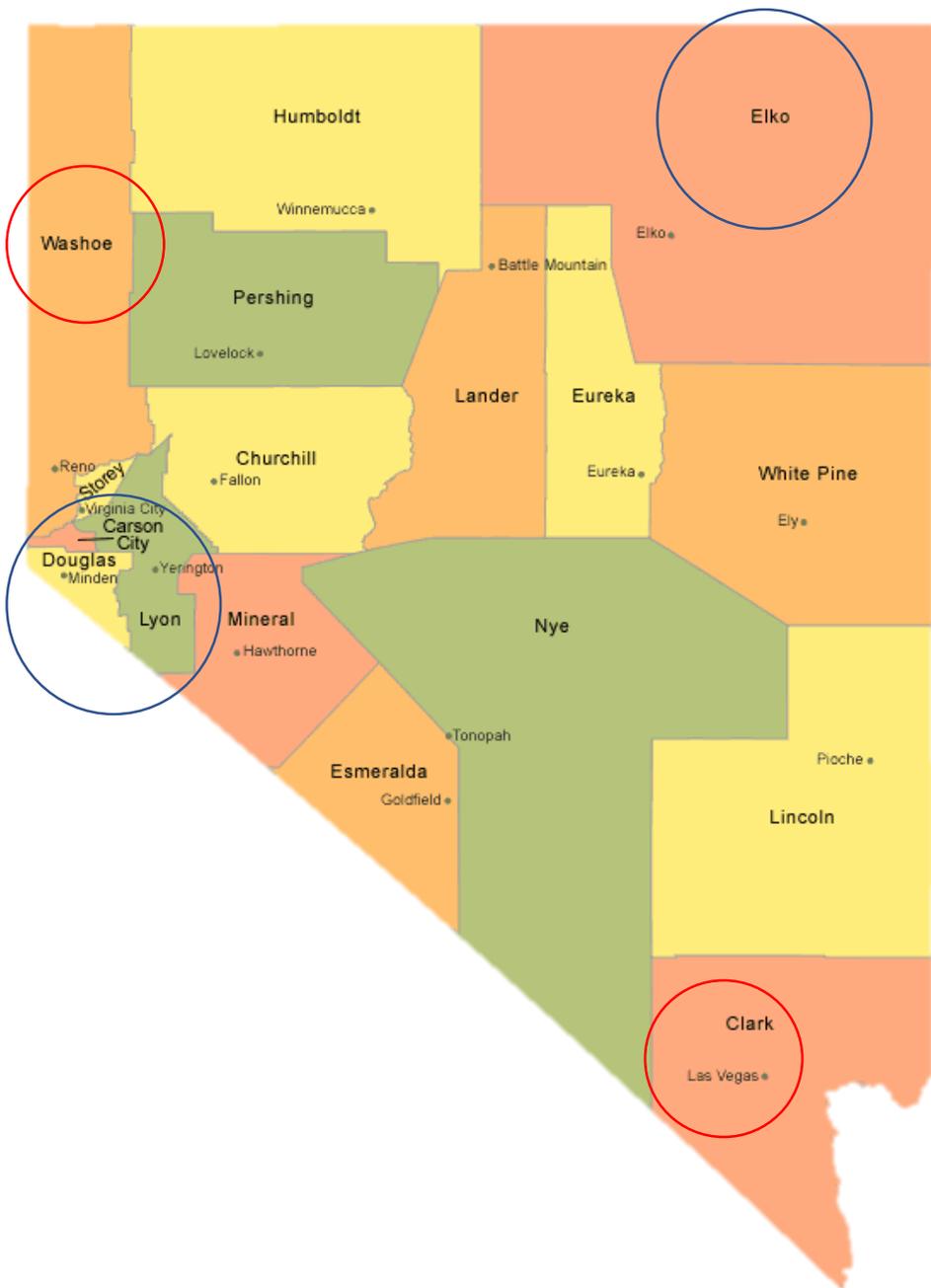




County	2010 Census Population	Percent of State Total
Carson City	55,274	2.0%
Churchill County	24,877	0.9%
Clark County	1,951,269	72.3%
Douglas County	46,997	1.7%
Elko County	48,818	1.8%
Esmeralda County	783	0.0%
Eureka County	1,987	0.1%
Humboldt County	16,528	0.6%
Lander County	5,775	0.2%
Lincoln County	5,345	0.2%
Lyon County	51,980	1.9%
Mineral County	4,772	0.2%
Nye County	43,946	1.6%
Pershing County	6,753	0.3%
Storey County	4,010	0.1%
Washoe County	421,407	15.6%
White Pine County	10,030	0.4%
State Total	2,700,551	100.0%

<http://geology.com/county-map/nevada.shtml>

<http://www.leg.state.nv.us/Division/Research/Districts/Reapp/2011/Tables/PopulationOfCountiesInNevada2010.pdf>



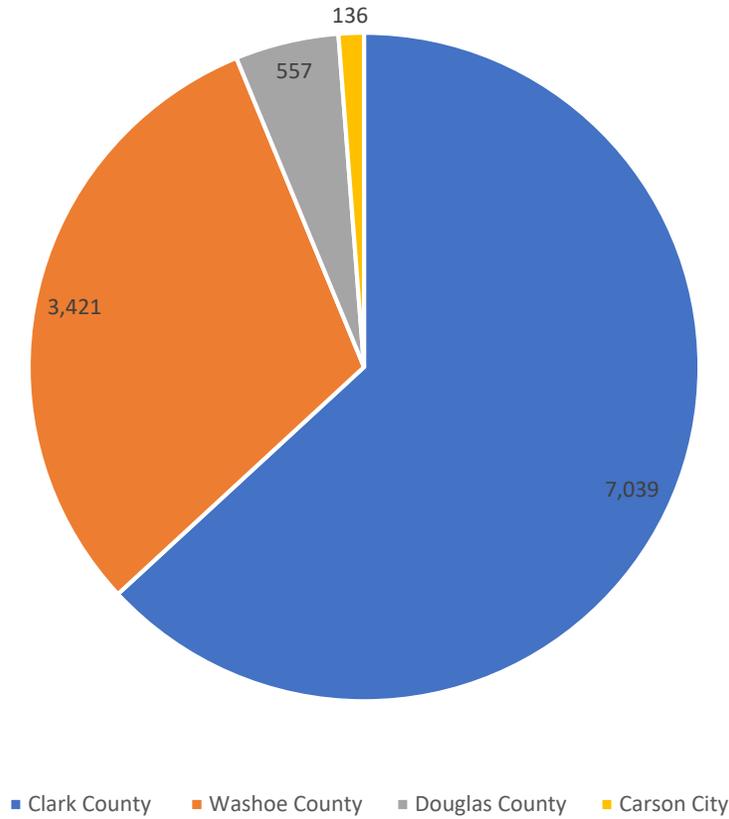
>100,000: 2 Counties

45,000-100,000: 4 Counties

<45,000: 11 Counties

Total: 17 Counties

Nevada 2019 Food Waste Composting Amounts (tons)



Location	2019 Composting Amounts (tons)	Pounds
Clark County	7,039	14,078,000
Washoe County	3,421	6,842,000
Douglas County	557	1,114,000
Carson City	136	272,000
Nevada Total	11,153	22,306,000

Christmas Tree Recycling December 26- January 15th



Pumpkin Recycling (Las Vegas)



Clark County School District Food Waste Audit 2017



Audit Date & Location:

Description of pre- or post- consumer activity being analyzed:

Sorters:

Materials	Materials & Container Weight Combined (lbs)	Tare = Empty Bin Weight (lbs)	Calculated Material Weight (lbs)	Comments on prominent items, condition of material, indicators for why it was discarded, etc. *Remember to take photos!
Food Waste - Edible				
MEAT & FISH				uncooked or cooked beef, pork, poultry, fish, etc. – minimally contaminated with other foods
				<i>Subtotal</i>
DAIRY & EGGS				milk, yogurt, sour cream, butter, eggs, etc. - minimally contaminated
				<i>Subtotal</i>
VEGETABLES & FRUITS				raw, and prepared or cooked - minimally contaminated
				<i>Subtotal</i>
BAKED GOODS				bread, muffins, pastries, cake, etc. – minimally contaminated
				<i>Subtotal</i>
DRY FOODS				grains, nuts, dried beans, pastas, cereals, etc. – minimally contaminated
				<i>Subtotal</i>

Audit Date & Location:

Description of pre- or post- consumer activity being analyzed:

Sorters:

Materials	Materials & Container Weight Combined (lbs)	Tare = Empty Bin Weight (lbs)	Calculated Material Weight (lbs)	Comments on prominent items, conditions, etc.
Food Waste - Edible				
SNACKS & CONDIMENTS				condiments, spreads, sauces, candy, chips, etc.
				<i>Subtotal</i>
LIQUIDS, OILS & GREASES				juice, sodas, coffee, water, oil, etc.
				<i>Subtotal</i>
COOKED/PREPARED ITEMS & LEFTOVERS				food consisting of many food types mixed together – e.g., sandwiches, homemade, take-away & microwave meals, etc.
				<i>Subtotal</i>
Food Waste – Inedible (egg shells, peels, pits, bones, husks, etc.)				
				<i>Subtotal</i>
Food Waste – Unidentifiable				
				<i>Subtotal</i>



All CCSD food waste goes to the landfill









SB 503 BREAKFAST:

**Students will receive all menu items,
including milk.**

REIMBURSABLE LUNCH :

**Students must select at least three
components, one of which must be a
fruit or vegetable.**

**Both fruit and vegetable may be
chosen.**

**A food component is one of five food groups: meat/protein;
grains; fruit; vegetables; and milk**



Pick 3 to 5

Grains
Bean / Cheese
Burrito

Fruits
Applesauce

Milk
Chocolate
White

Vegetables
Cabbage

Protein
Chicken
Vegeto
milk
Potatoes

At Least 1 fruit or veggie!

COUGAR CHANT

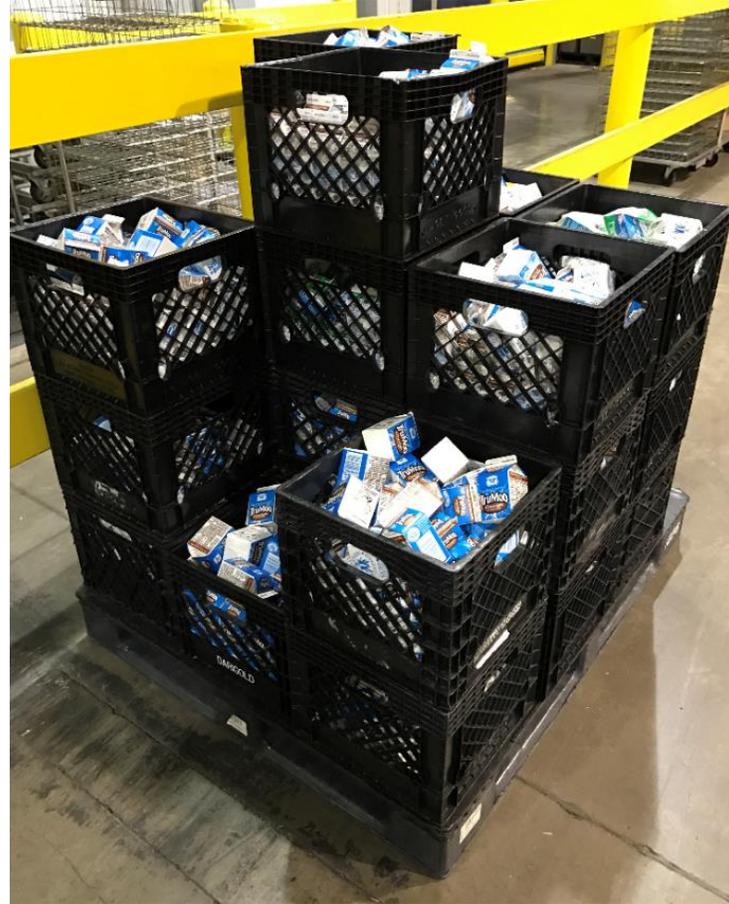
USDA

















Buffet Food Waste Audit





8/3/2017

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8/10/2017

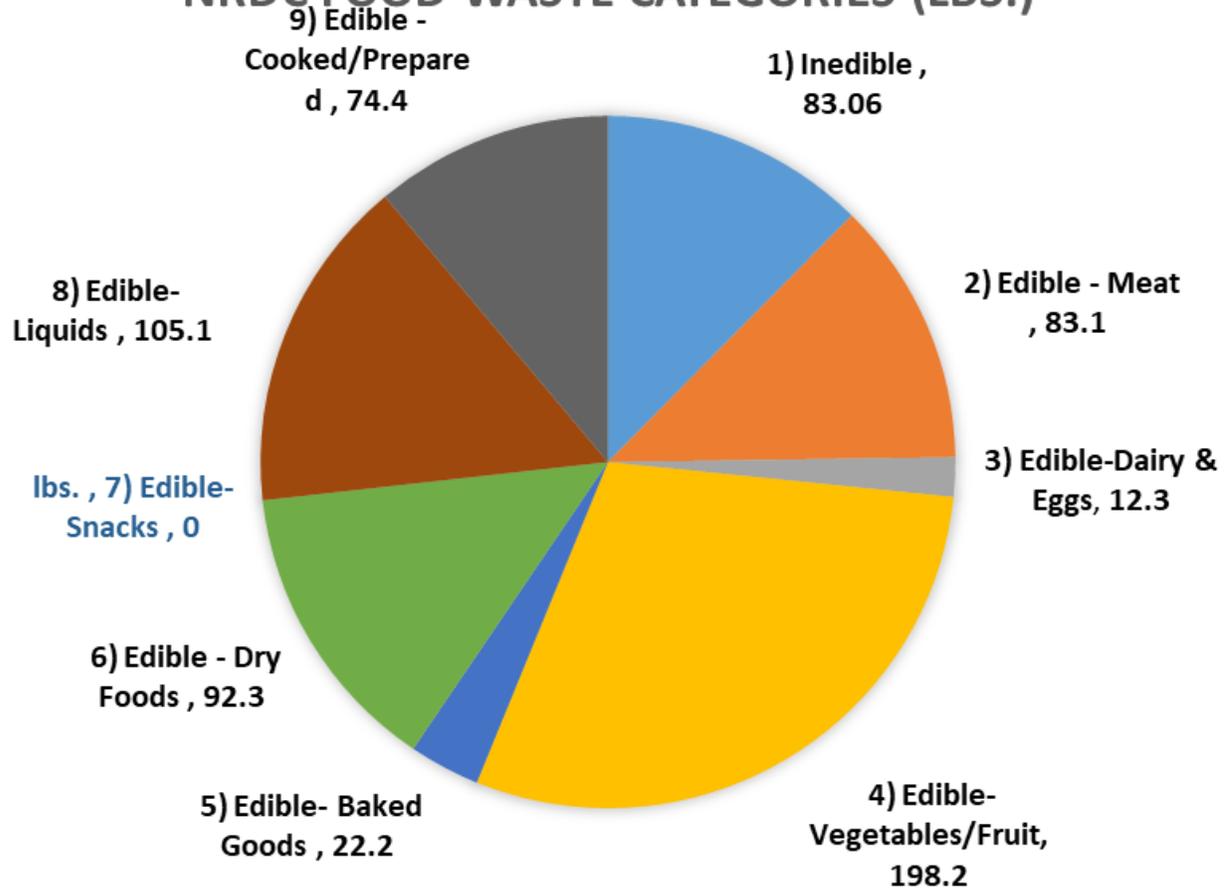
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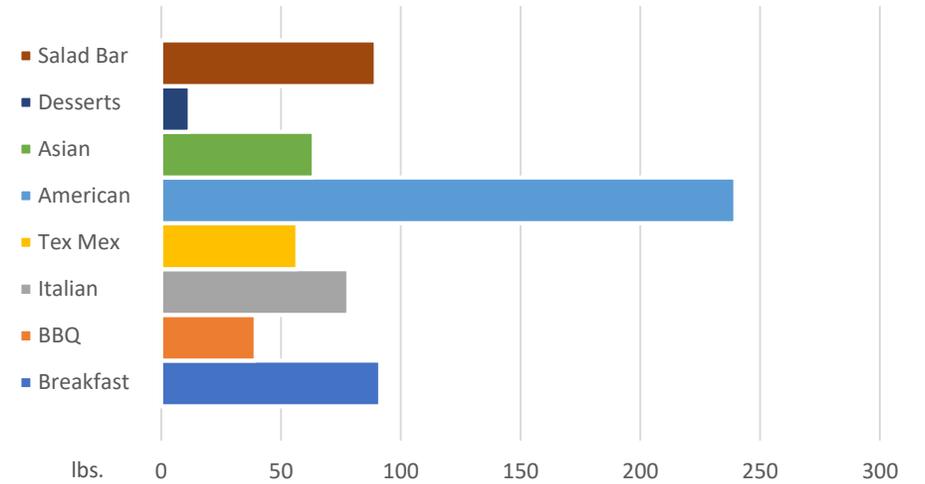


NRDC FOOD WASTE CATEGORIES (LBS.)



Total Food Waste: 670.66 lbs

Food waste by Station



Back dock at Strip Casino











- Provides recycling services since 2004
- Services over **30 resorts** in Las Vegas and Laughlin
- Employs over **250 people**
- Diverts over **30,000 tons** of recyclables from the landfill annually
- Largest recycler of **food scraps** in Nevada

Does Recycling Actually Help?



Recycling 1 ton of plastic bottles can save enough energy to power a 2 person household for one year



Recycling 1 ton of Carboard saves 46 gallons of oil



Recycling 1 aluminum can saves enough energy to power a TV for 3 hours



Las Vegas Livestock

- The Combs family broke ground June 23rd, 2016
- The farm is located in APEX off of Interstate 15
 - It is a **feeder to finisher** operation
- The livestock is raised free range in **hoop barns** with **outdoor access**
 - **30 tons** of food scraps are processed daily from LV resorts and used as feed for livestock on the farm
 - Current inventory is **3,000** pigs with projected capacity of **25,000!**





Landfill Audit











Total Weight: 1,458 lbs
Landfill Weight: 1,223 lbs
Recyclable Weight: 101.5 lbs
Food Waste Weight: 133.5 lbs

Recycling Rate: 7%
Food Waste Rate: 9%

7% + 9% = 16%

16% of 5,000lbs = 800lbs a week

3200 lbs a month of material going to the landfill that could be diverted.

Food Bank on UNLV Campus



Thank you & Questions