

#### Why a Plastic Bag Ban?

- Reduce tonnage to landfill?
- Reduce greenhouse gas production?
- Conserve resources?
- ° Create circular economy? Sustainable materials management?
- Achieve Zero Waste?
- o Demand Producer Responsibility?
- Eliminate giant plastic gyres in the oceans??

# Why a plastic bag ban.



## Why a Plastic Bag Ban in Santa Fe?

- From the Ordinance:
  - ° To Reduce Waste, Litter, and pollution
  - To address soil and water contamination
  - o Protect public health and welfare
  - Manage negative impacts on tourism, wildlife, and aesthetics

#### Santa Fe Bag Ordinance

- Single use plastic bags banned February 2014
- Sustainable Santa Fe Commission support
- Citizen and youth activists



#### Santa Fe Bag Ordinance

- Bans single-use shopping bags
- Plastic bag exceptions:
  - o Dry cleaning bags
  - Newspaper bags
  - Produce bags
  - Floral bags
  - Trash bags
  - Heavy "reusable" shopping bags
- o Applies to retail, not to non-profits
- o Restaurants allowed to use for take-out

#### Initial Results of Bag Ban

- One-year required study conducted by ESD to assess impacts of ordinance found:
  - o Plastic bag litter reduced
  - Low use of reusable bags; shoppers just used available paper bags
  - Smaller retail stores not affected financially
  - o Grocery stores were highly impacted by higher bag costs
  - ° Surveyed shoppers ok with a potential paper bag fee

#### Paper Bag Fee

- o Paper bag fee ordinance in effect June 2015
- 10 cent fee charged by retailer to consumer for paper grocery bags 1/8 barrel or larger
- o 1 cent retained by retailer for admin costs
- o Receipt to show number of bags charged
- Remainder remitted to City on monthly or quarterly basis through self-reporting
- Funds in restricted account for use to buy reusable bags and waste reduction outreach/education

### Santa Fe Bag Fee Ordinance

- Enforcement is light
  - Annual letter to retailers
  - Consumer reports to ESD;
     personal experiences
  - ° Visit by ESD staff



#### BYOB- Bring Your Own Bag

- ° Resources:
  - Websitewww.santafenm.gov/esd
  - Retailer letter and ordinance
- Free reusable bags at ESD, Libraries, Tourism, and City Hall



# Impacts: Who shops in Santa Fe?



- ° Local population about 85,000
- °State capital brings many New Mexicans
- High housing costs result in many commuters
- ° (How many) Tourists a year visit Santa Fe
- ° Daytime population can average 150,000 during peak seasons

#### Bag Fee Results

- Bag Fee Fund results:
  - ° 2015- \$100,000
  - ° 2016- \$160**,**000
  - ° 2017- \$200,000
  - ∘ To present- ~200K/year on average
- Robust funding of advertising/outreach for waste reduction/recycle right
- Purchasing and distributing reusable shopping bags

#### Results-Unanswered Questions

- Less Litter?
  - o Observation says yes. No stats, but Litter Index Survey may show something
- How many paper bags are used a year?
  - Based on income, 2M paper bags used in Santa Fe (charged)
  - No specific reporting is required
- o Decrease in Waste Tonnage?
  - No stats on waste tonnage, but a previous recycling audit shows less contamination than other cities at same MRF
- Has Ban/Fee Changed Consumer Behavior?
  - Fee may be largely paid by tourists and commuters
  - o Unable to determine behavior change among locals without further study





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