



**COST BENEFIT ANALYSIS
CITY OF FARMINGTON RESIDENTIAL
RECYCLING COLLECTION**



HISTORY OF THE CITY OF FARMINGTON SOLID WASTE PROGRAM

- Put in Citizen Recycling Drop of Center in 1993.
- Converted to cart collection in 1994
- 2008 issued RFP and included curbside recycling collection






Costs -

- Carts
- Truck(s)
- Driver(s)
- Management
- Information, Education and Promotion
- Processing Cost






REVENUE-

- Single Stream
- Markets 1998
- Charges to City – WM net \$2.46 per household monthly
- City charging additional for building of MRF \$1.56 per household

OTHER FINANCIAL CONSIDERATIONS

- Increased Garbage Route Efficiency Route –from 81.9 homes per hour to 86.62 homes per hour
- Avoided disposal costs -

BENEFITS

- The people of the City of Farmington wanted to recycle. It gave them an easy way to be environmentally friendly.
- Saving landfill costs is not just about avoided costs now but future costs for siting and permitting in the future.
- Calculation of resource and energy conservation proved that the recycling program would provide significant energy conservation.




Environmental Benefits-

- 9.5% of City of Farmington Residential waste is being recycled
- Net Reduction in GHG -1,441 metric tons - 1,088 cars off the road
- Net Energy Saving -35,687 Million BTUs - -339 MBTUs per household
- Reduced Air Emissions 2,119.2 metric tons
- Trees saved 17,829

- * EPA Calculator

