EL DORADO COUNTY

# Conceptual Plan For Future Solid Waste Management

- The Solid Waste Rate and Service Study describes the County's current solid waste management program
- The County is at a pivotal junction regarding solid waste management and now is the time to begin planning and implementing new solid waste management programs

# Discussion Items

**Based on the findings of the NewPoint Group, EMD will provide information and request Board direction in regards to the following:**

**1. Should staff research and bring back to the Board a recommendation plan regarding new and increased recycling programs for the unincorporated area of the County, by franchise area? Staff's recommendations will include two and three cart programs and bluebag programs.**

**2. Does the Board want staff to start conceptual planning related to the prospect of a new MRF on the West Slope?**

**3. Does the Board want staff to present alternatives for the Board's consideration related to the location of a new MRF? Does the Board want staff to present alternatives for the Board's consideration regarding possible County and/or public ownership of the MRF?**

# Item 1

**Should staff research and bring back to the Board a recommendation plan regarding new and increased recycling programs for the unincorporated area of the County, by franchise area? Staff's recommendations will include two and three cart programs and bluebag programs.**

# Material Collection and Recycling

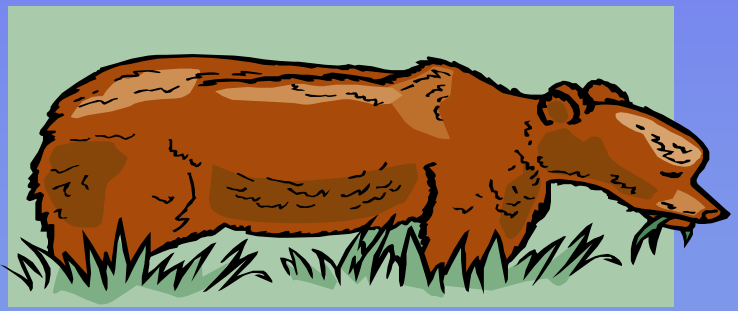
- Infrastructure exists in the County to achieve the current 50% Statewide diversion rate

- Proposed SB1020 would require Local Governments and Private Industry to achieve higher diversion rates:
  - 60% by December 21, 2012
  - 75% by January 1, 2020
  - How Will it be Obtained?
    - Promoting producer responsibility
    - Increasing Commercial Recycling
    - Expanding the recovery of construction and demolition debris
    - Increasing the diversion of organics (i.e. yard and food waste)
    - Increasing recycling opportunities for multifamily housing
    - Imposing recycling mandates on local businesses

- The County's current waste management system has well served our rural population to date. However, the current system has reached its practical limit of achieving additional recycling.

# Solid Waste/Recycling Programs

- Currently
  - East Slope
    - A can collection system
    - South Tahoe Refuse - Mandatory unlimited service
    - Tahoe Truckee/Sierra Disposal – blue bags
    - Bear Bins

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Optima
PREMO
TOPSOIL


RANGE ROVER
6CWP024
3039

# Solid Waste/Recycling Programs Cont.

- Currently
  - West Slope
    - Garbage:  Generally a can collection system in the unincorporated areas with the option of a cart, and mandatory cart service in the more urban densely populated areas
    - Curbside Recycling: Residential recycling is an option, a recyclable blue bag, bins, or biweekly cart is available
    - Yard waste recycling is an option, via cart system
    - Many residents choose to self-haul their refuse to the MRF


2421
Mountain Democrat


4HDA264


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08/12/2008


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08/12/2008


El Dorado Disposal
TAKE PLENTY!


9607698
6419226
WM
WASTE MANAGEMENT
6465552


HIGH VOLTS
6416 15214
EL DORADO DISPOSAL
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08/12/2008


WM
WASTE MANAGEMENT
08/12/2008

# Expanding the Curbside Recycling Programs

- Given the probability that we will need to expand the curbside recycling programs, it is prudent for the County to begin planning to implement new programs and services to increase diversion and recycling levels

# Options for Curbside Recycling Programs

- Options
  - Increase of Solid Waste and Recycling Services
    - East Slope
      - Require blue bags
    - West Slope
      - Where feasible and practical, require a mandatory two cart service (garbage and recycling) for collection customers; with curbside yard waste cart as an option


RECYCLING ONLY
9669871
9611199


WM
WASTE MANAGEMENT


9603691
9600748
9671972


9606050
9608503
9601276


NEW LISTING
SIERRA
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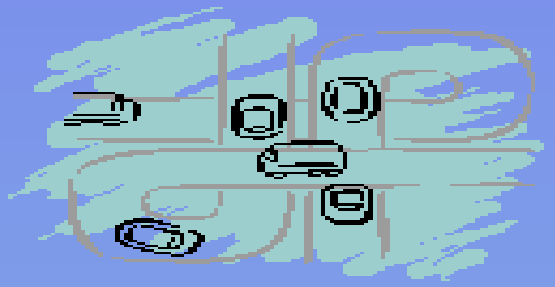
(916) 985-1162

# Item 2

**Does the Board want staff to start conceptual planning related to the prospect of a new MRF on the West Slope?**

# Current MRF Location

- Was originally an abandoned office and warehouse building retrofitted to function as a “dirty MRF”
- A formal siting study was not conducted
- Current MRF potential future operational limits:
  - Tight self-haul drop off/turn around area
  - Large weekend traffic
  - Limited material storage areas
  - Small overall site footprint
- Not adequately designed for efficient flow through
  - Commercial and self haul



# Tight self-haul drop off/turn around area

# Large weekend traffic

# Limited Material Storage Area

# Overall Small Footprint

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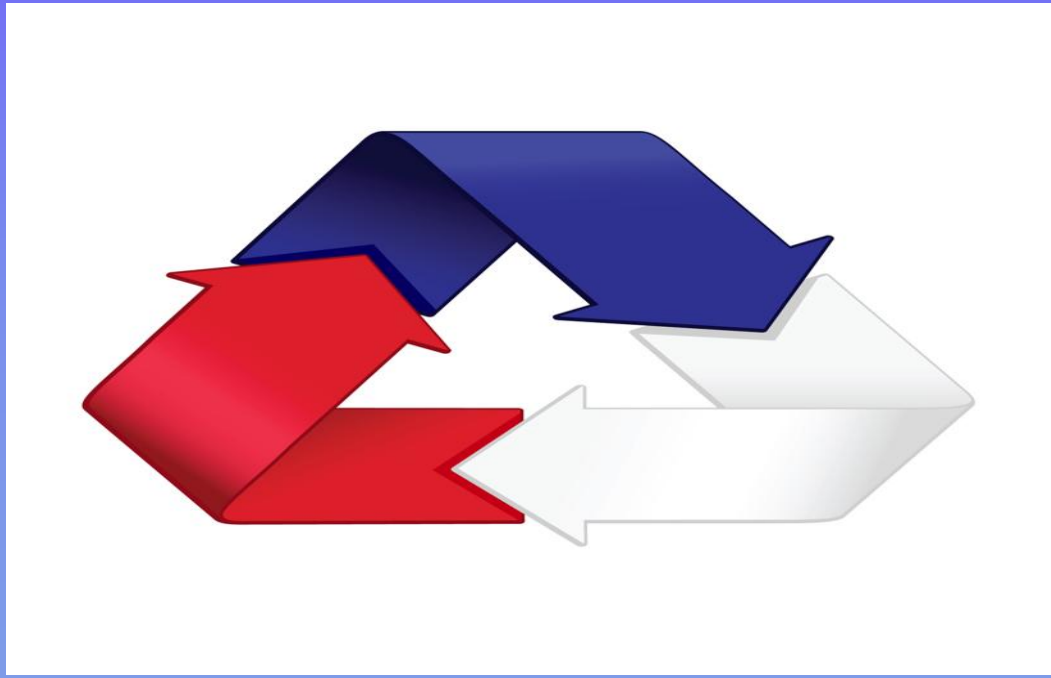
# Recycling Collection System Moving Towards a Clean MRF

- Cart based recycling system enhances clean separated recyclables (single stream recycling)
- In which further processing of the recyclable material is often conducted at a “clean MRF”



# Clean MRF

# Clean MRF - Single Stream Recycling

# Material Recovery Facility

- Current facility, at the end of its operational life and cannot meet future diversion mandates
- Without capitol investments the MRF is not capable of handling additional growth
- Siting and construction of a new MRF provides a unique opportunity to build a modern MRF
  - Evolving dynamic and vibrant source separation system (add systems as needed)
  - Enhance self haul recycling capabilities
  - Accommodate future growth of the County
  - Comply with future legislative requirements

# Item 3

**Does the Board want staff to present alternatives for the Board's consideration related to the location of a new MRF? Does the Board want staff to present alternatives for the Board's consideration regarding possible County and/or public ownership of the MRF?**

# MRF Location and Ownership

- The County does not own or operate any waste management facilities
- NewPoint group recommends that the County have some direct involvement in terms of ownership and/or control of its waste management facilities
- Current opportunity to revisit the location of the MRF and analyze alternative sites and ownership options

# Recommendations

- Accept the Solid Waste and Service Study performed by the NewPoint Group as final.
- Direct staff to research and bring back to the Board a recommendation plan regarding new and increased recycling programs for the unincorporated area of the County, by franchise area. Staff's recommendations will include two and three cart programs and bluebag programs. This task may require additional support from outside consultants and or counsel. Staff will return to the Board with appropriate contracts as necessary.
- Direct staff to start conceptual planning related to the requirements for and designs of a new MRF on the West Slope. Bring back to the Board a status report with recommendations. This task may require additional support from outside consultants and or counsel. Staff will return to the Board with appropriate contracts as necessary.
- Direct staff to explore and bring back to the Board a status report and recommendation regarding alternatives for the MRF location. Direct staff to explore and bring back to the Board a status report and recommendation regarding County and /or public ownership of a new MRF. This task may require additional support from outside consultants and or counsel. Staff will return to the Board with appropriate contracts as necessary.


Thank you to the NewPoint Group, the cooperation of the franchisees: Amador Disposal Service, El Dorado Disposal Service, American River Disposal Service, South Tahoe Refuse Company, Sierra Disposal, Tahoe Truckee Sierra Disposal Company, and Environmental Management staff.

Questions and Answers