

# CDPH&E Pueblo Stakeholder Meeting



**Date:** January 21, 2016; 8am-1pm

**Location:** Pueblo Public Library, Rawlings Branch

**Number Attending:** 29 plus 4 representatives from CDPH&E and 2 representatives from Skumatz Economic Research Associates, Inc. (SERA); Facilitated by Lisa Skumatz, SERA.

**Communities Represented:** Counties of Pueblo, Custer, Fremont, Huerfano and Chaffee; City / Town of Westcliffe, Pueblo, Canon, and Trinidad, Upper Arkansas Area.

**Sectors Represented:** Landfill owner / operators, City / County SW Staff; Elected officials, Recycling Business and Non-Profit Representatives, County Solid Waste Planner, Citizen Advisory Committee, and Haulers.

**Overview:** This was a larger group, but well balanced in the makeup of attendees. Their issues did not revolve around landfills regulations as much as ways to improve recycling. There was a common concern that this process was something that had been done before, but nothing came out of it, or they didn't get information on the results.

**Voting Overview:** According to the attending voters, the current disposal system is working very well, with a weighted average of 3.8 (1-5 scale; 5= very well). Fewer thought the diversion system is working well with a weighted average of 3.4. Education with basic ordinances and drop-off with local processing were seen as the options having the most potential in this area. Almost a quarter voted that there was no potential for organics options, but education / backyard composting was the next option with the most potential. Regarding what to do with non-adequate landfills, there was no clear consensus, but changing some to transfer stations based on cost received the most votes by a narrow margin

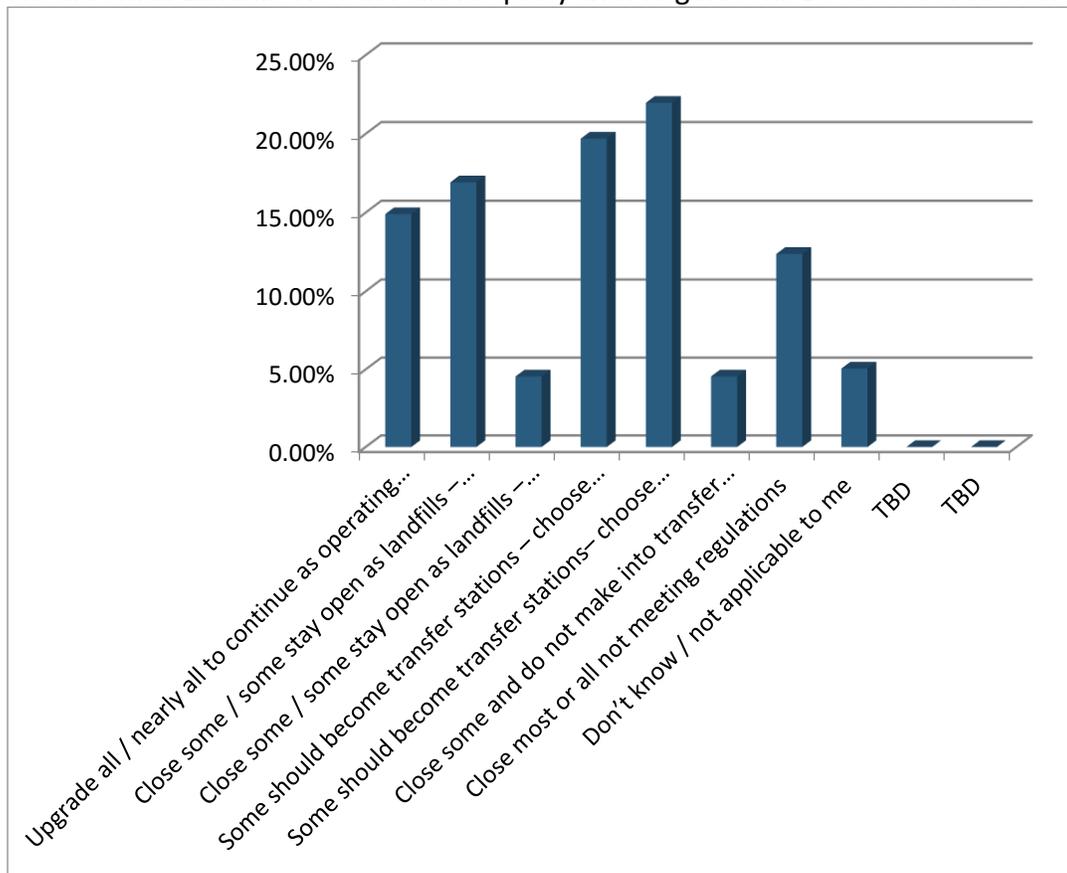
## Select Voting Results

**Figure 1. How well the disposal and recycling systems in the area are working now?**

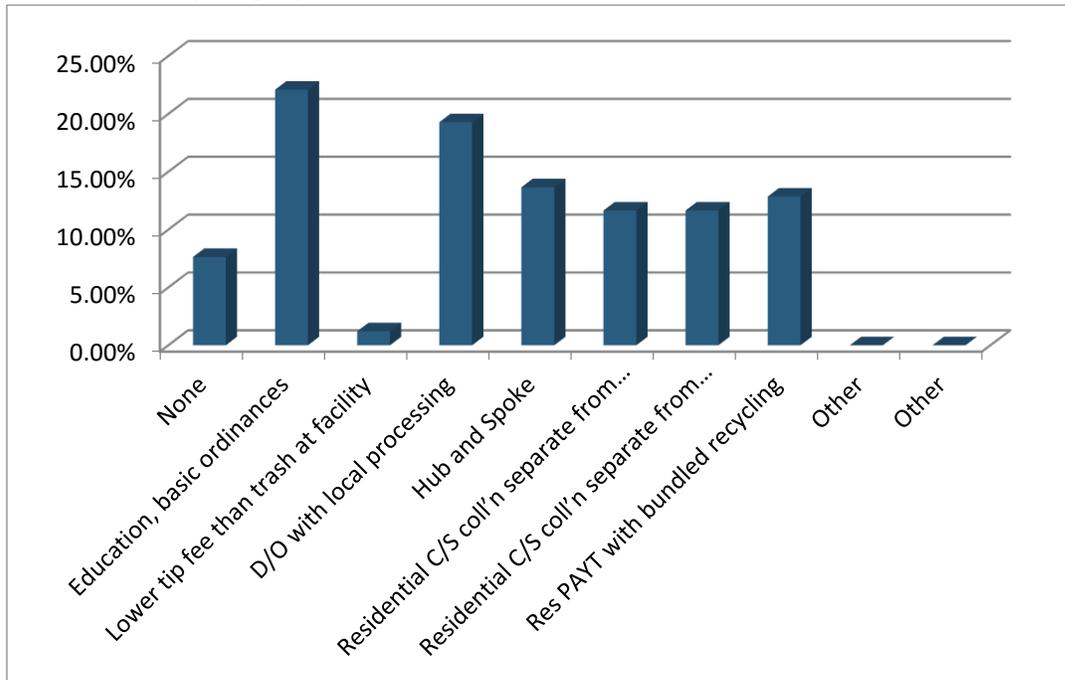
	Average score (1=not well at all; 5=working very well considering our area)	Percent responding don't know.
Disposal System	3.8	11%
Recycling / Composting system	3.4	11%

Responses to two questions were key as inputs to the work on the Integrated Materials Management Plan. The responses – regarding region-specific preferred options for non-compliance landfills, and recycling options with potential, are provided below. Additional voting responses are provided in Appendix A.

### 1. Should Small Landfills NOT in Full Adequacy with Regulations Be Closed or Retrofitted?



## 2. Which Recycling Options Have the Most Potential in Your Area?



Appendix A provides the results of each of the “voting” questions posed during the stakeholder meeting. Appendix B provides highlights of the “pre-meeting” survey.

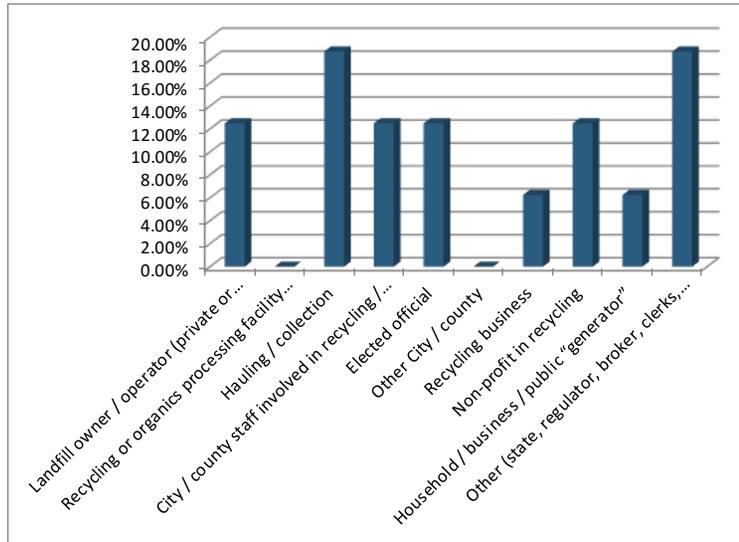
# APPENDIX A –

## CDPH&E Materials Management Stakeholders Meeting

### Pueblo Voting Results

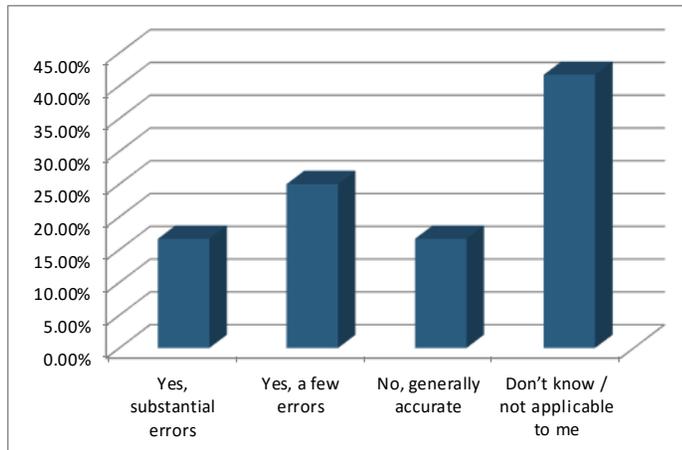
**1. FEEDBACK 1 – Who is in the room? –Your PRIMARY SW responsibilities... (up to 2) (Multiple Choice - Multiple Response)**

	Responses	
	Percent	Count
Landfill owner / operator (private or city/county)	12.50%	2
Recycling or organics processing facility owner /operator	0.00%	0
Hauling / collection	18.75%	3
City / county staff involved in recycling / planning	12.50%	2
Elected official	12.50%	2
Other City / county	0.00%	0
Recycling business	6.25%	1
Non-profit in recycling	12.50%	2
Household / business / public "generator"	6.25%	1
Other (state, regulator, broker, clerks, consultant, other)	18.75%	3
<b>Totals</b>	<b>100%</b>	<b>16</b>



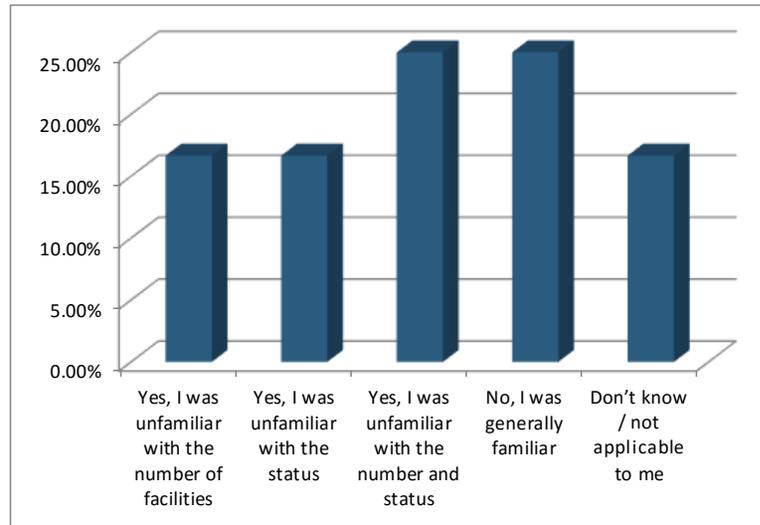
**2. FEEDBACK 2 – Looking at LF MAP... Do you think the information on the map has errors? Correct errors in map at table / leave it behind with notes**

	Responses	
	Percent	Count
Yes, substantial errors	16.67%	2
Yes, a few errors	25.00%	3
No, generally accurate	16.67%	2
Don't know / not applicable to me	41.67%	5
<b>Totals</b>	<b>100%</b>	<b>12</b>



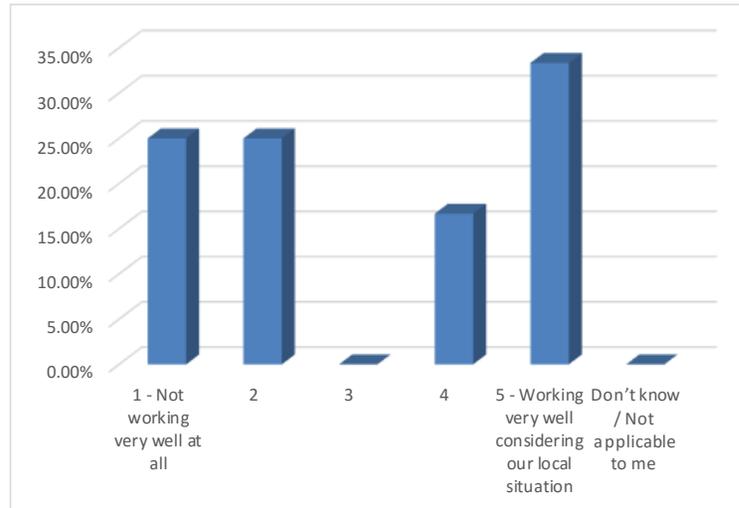
**3. FEEDBACK 3 – Looking at LF MAP... Was the content of the LF map news to you / a surprise? (Multiple Choice)**

	Responses	
	Percent	Count
Yes, I was unfamiliar with the number of facilities	16.67%	2
Yes, I was unfamiliar with the status	16.67%	2
Yes, I was unfamiliar with the number and status	25.00%	3
No, I was generally familiar	25.00%	3
Don't know / not applicable to me	16.67%	2
<b>Totals</b>	<b>100%</b>	<b>12</b>



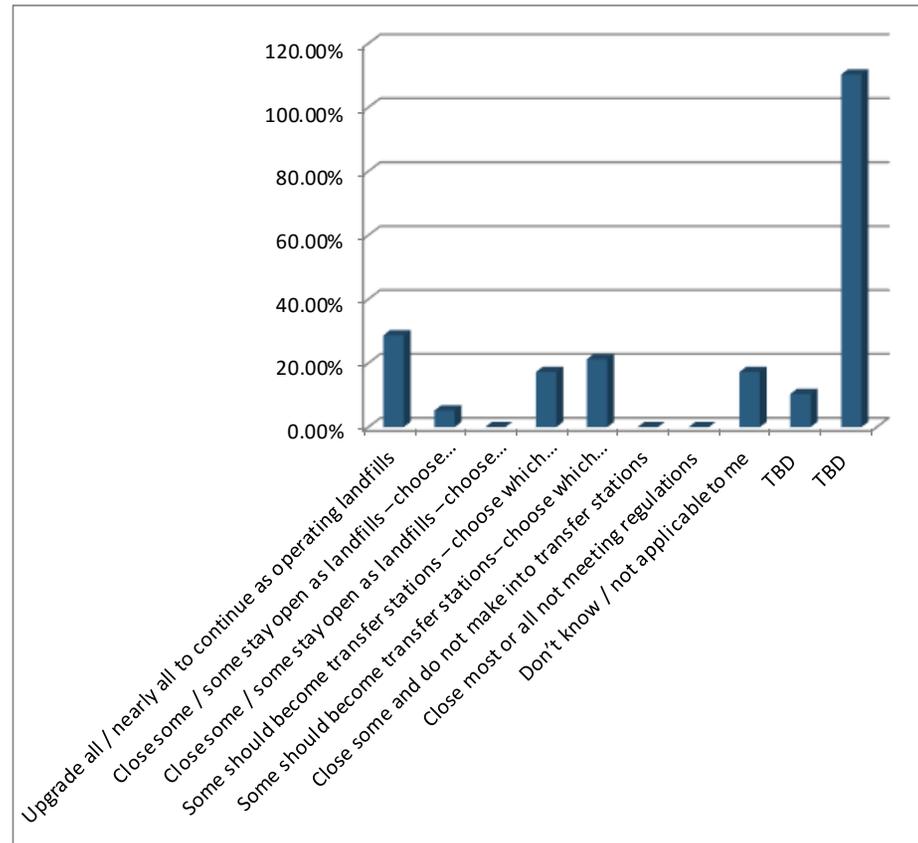
**4. FEEDBACK 4 – Looking at LF map... How well is the current disposal system working? (Multiple Choice)**

	Responses	
	Percent	Count
1 - Not working very well at all	25.00%	3
2	25.00%	3
3	0.00%	0
4	16.67%	2
5 - Working very well considering our local situation	33.33%	4
Don't know / Not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



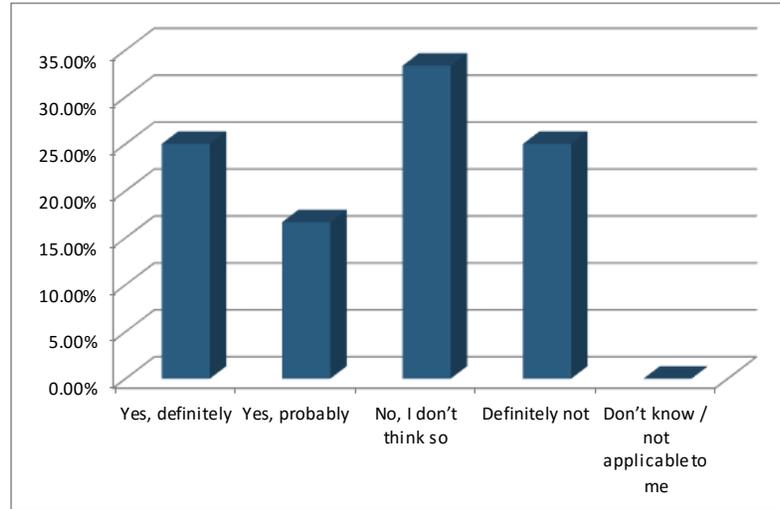
**5. FEEDBACK 5 – Thinking about the landfills in your area... Should small landfills not in full adequacy with regulations be closed or retrofitted? (Up to 2 in order) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
Upgrade all / nearly all to continue as operating landfills	28.74%	50
Close some / some stay open as landfills – choose which based mostly on location / convenience / access	5.17%	9
Close some / some stay open as landfills – choose which based mostly on cost	0.00%	0
Some should become transfer stations – choose which based mostly on location / convenience / access	17.24%	30
Some should become transfer stations– choose which based mostly on cost	21.26%	37
Close some and do not make into transfer stations	0.00%	0
Close most or all not meeting regulations	0.00%	0
Don't know / not applicable to me	17.24%	30
TBD	10.34%	18
TBD	110.34%	19
<b>Totals</b>	<b>210%</b>	<b>193</b>



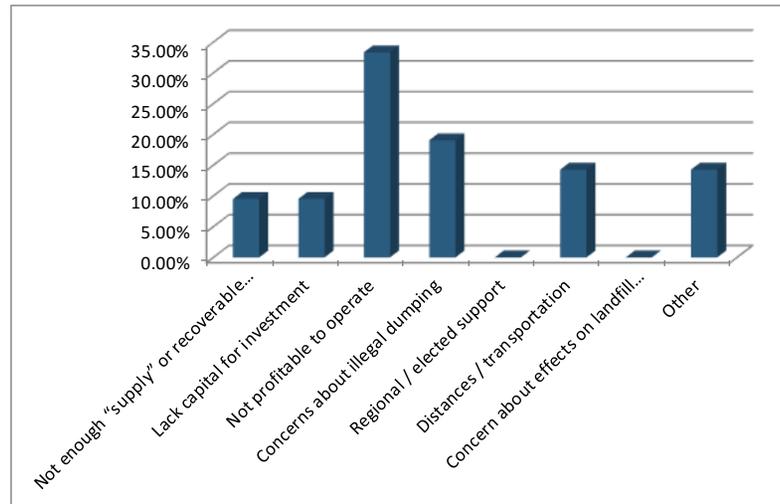
**6. FEEDBACK 6 – Thinking about the landfills in your area... Would regionalization of landfilling make sense in your area? (Multiple Choice)**

Responses		
	Percent	Count
Yes, definitely	25.00%	3
Yes, probably	16.67%	2
No, I don't think so	33.33%	4
Definitely not	25.00%	3
Don't know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



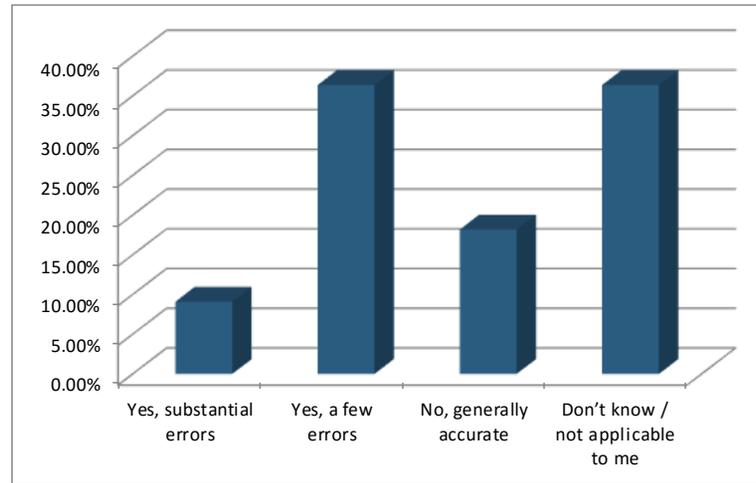
**7. FEEDBACK 7 - ALAMOSA– Barriers to more recycling / composting (2 most important) Other barriers – write in your “leave-behind” notebook (Multiple Choice - Multiple Response)**

Responses		
	Percent	Count
Not enough “supply” or recoverable materials generated to make it economic	9.52%	2
Lack capital for investment	9.52%	2
Not profitable to operate	33.33%	7
Concerns about illegal dumping	19.05%	4
Regional / elected support	0.00%	0
Distances / transportation	14.29%	3
Concern about effects on landfill economics	0.00%	0
Other	14.29%	3
<b>Totals</b>	<b>100%</b>	<b>21</b>



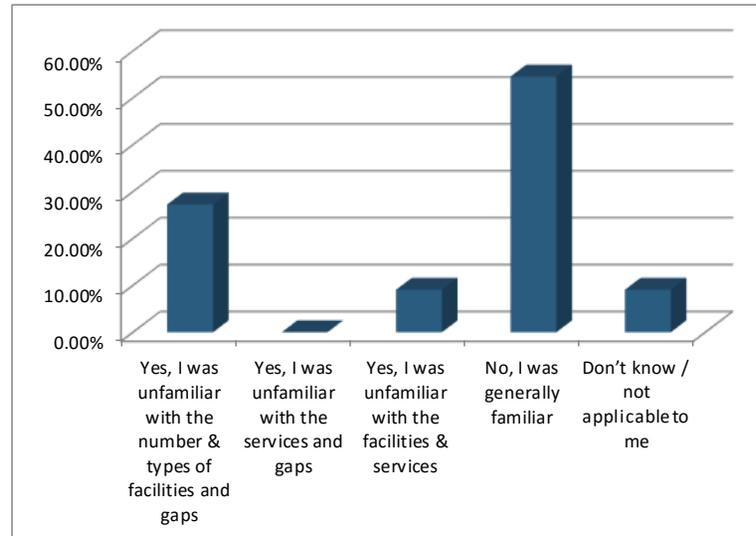
**8. FEEDBACK 8 – Looking at all facilities map ... Do you think the DIVERSION information on the map has errors? (Multiple Choice)**

Responses		
	Percent	Count
Yes, substantial errors	9.09%	1
Yes, a few errors	36.36%	4
No, generally accurate	18.18%	2
Don't know / not applicable to me	36.36%	4
<b>Totals</b>	<b>100%</b>	<b>11</b>



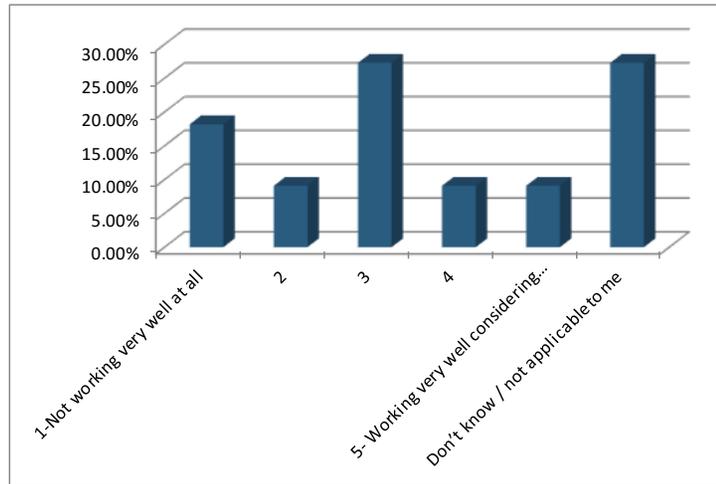
**9. FEEDBACK 9 – Looking at all facilities map - Was the content of the DIVERSION information news to you / a surprise? (Multiple Choice)**

Responses		
	Percent	Count
Yes, I was unfamiliar with the number & types of facilities and gaps	27.27%	3
Yes, I was unfamiliar with the services and gaps	0.00%	0
Yes, I was unfamiliar with the facilities & services	9.09%	1
No, I was generally familiar	54.55%	6
Don't know / not applicable to me	9.09%	1
<b>Totals</b>	<b>100%</b>	<b>11</b>



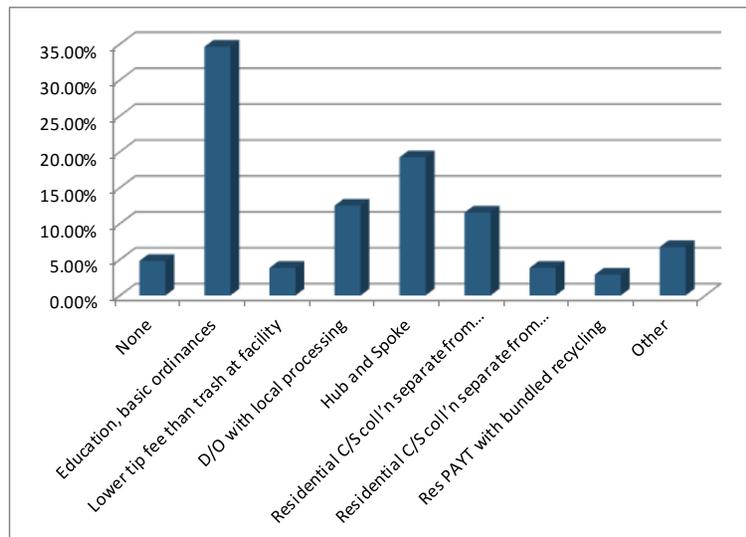
10. FEEDBACK 10 – Looking at all facilities map... How well is the current diversion system working? (Multiple Choice)

	Responses	
	Percent	Count
1-Not working very well at all	18.18%	2
2	9.09%	1
3	27.27%	3
4	9.09%	1
5- Working very well considering our local situation	9.09%	1
Don't know / not applicable to me	27.27%	3
<b>Totals</b>	<b>100%</b>	<b>11</b>



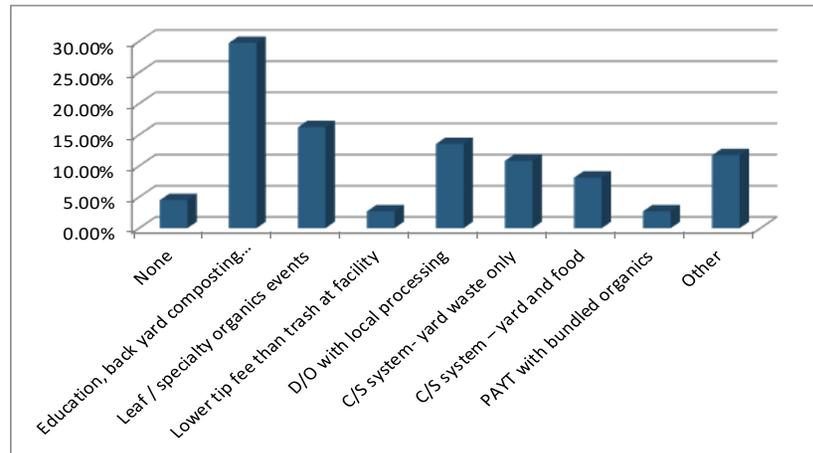
11. FEEDBACK 11r: Which 3 Recy Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
None	4.81%	5
Education, basic ordinances	34.62%	36
Lower tip fee than trash at facility	3.85%	4
D/O with local processing	12.50%	13
Hub and Spoke	19.23%	20
Residential C/S coll'n separate from trash for a fee	11.54%	12
Residential C/S coll'n separate from trash, embedded	3.85%	4
Res PAYT with bundled recycling	2.88%	3
Other	6.73%	7
<b>Totals</b>	<b>100%</b>	<b>104</b>



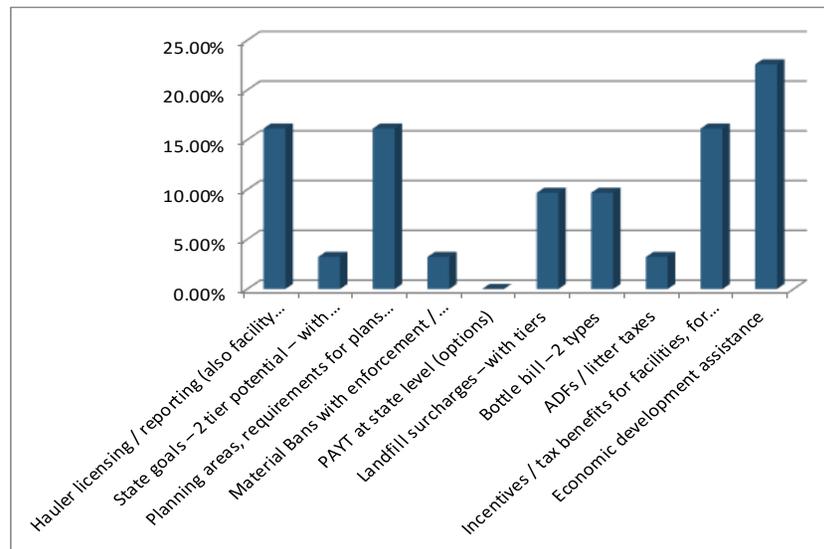
**12. FEEDBACK 12r: Which 3 Organics Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
None	4.50%	5
Education, back yard composting (BYC)	29.73%	33
Leaf / specialty organics events	16.22%	18
Lower tip fee than trash at facility	2.70%	3
D/O with local processing	13.51%	15
C/S system- yard waste only	10.81%	12
C/S system – yard and food	8.11%	9
PAYT with bundled organics	2.70%	3
Other	11.71%	13
<b>Totals</b>	<b>100%</b>	<b>111</b>



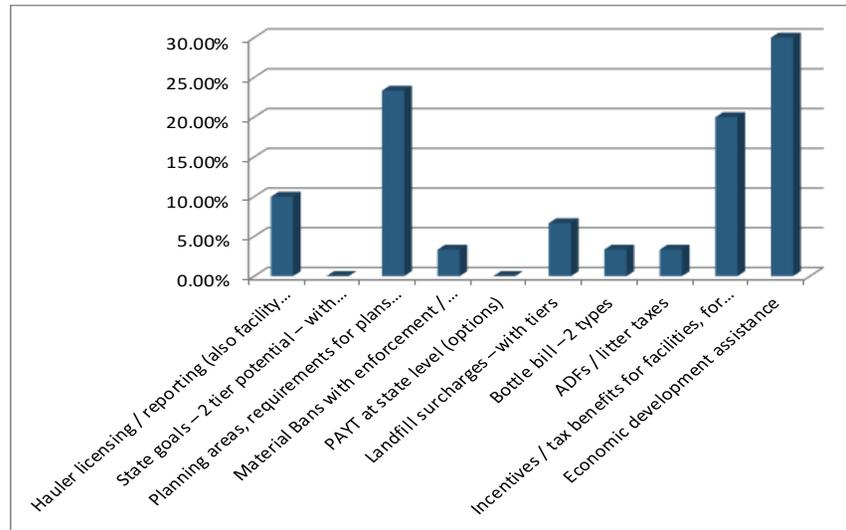
**13. FEEDBACK 13r – Best suited to WORK for your area – Diversion (vote for 3) (Multiple Choice - Multiple Response)**

	Responses	
	Percent	Count
Hauler licensing / reporting (also facility licensing)	16.13%	5
State goals – 2 tier potential – with measurement	3.23%	1
Planning areas, requirements for plans with authorization for funding; enforcement & measurement	16.13%	5
Material Bans with enforcement / inspection	3.23%	1
PAYT at state level (options)	0.00%	0
Landfill surcharges – with tiers	9.68%	3
Bottle bill – 2 types	9.68%	3
ADFs / litter taxes	3.23%	1
Incentives / tax benefits for facilities, for co-location	16.13%	5
Economic development assistance	22.58%	7
<b>Totals</b>	<b>100%</b>	<b>31</b>



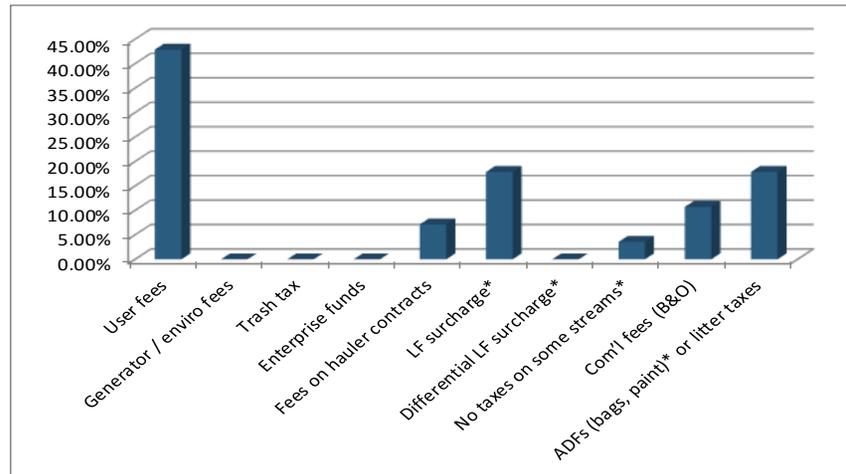
**14. FEEDBACK 14r– Most likely to get SUPPORT in your area – (vote for 3) (Multiple Choice - Multiple Response)**

	Responses	
	Percent	Count
Hauler licensing / reporting (also facility licensing)	10.00%	3
State goals – 2 tier potential – with measurement	0.00%	0
Planning areas, requirements for plans with authorization for funding; enforcement & measurement	23.33%	7
Material Bans with enforcement / inspection	3.33%	1
PAYT at state level (options)	0.00%	0
Landfill surcharges – with tiers	6.67%	2
Bottle bill – 2 types	3.33%	1
ADFs / litter taxes	3.33%	1
Incentives / tax benefits for facilities, for co-location	20.00%	6
Economic development assistance	30.00%	9
<b>Totals</b>	<b>100%</b>	<b>30</b>



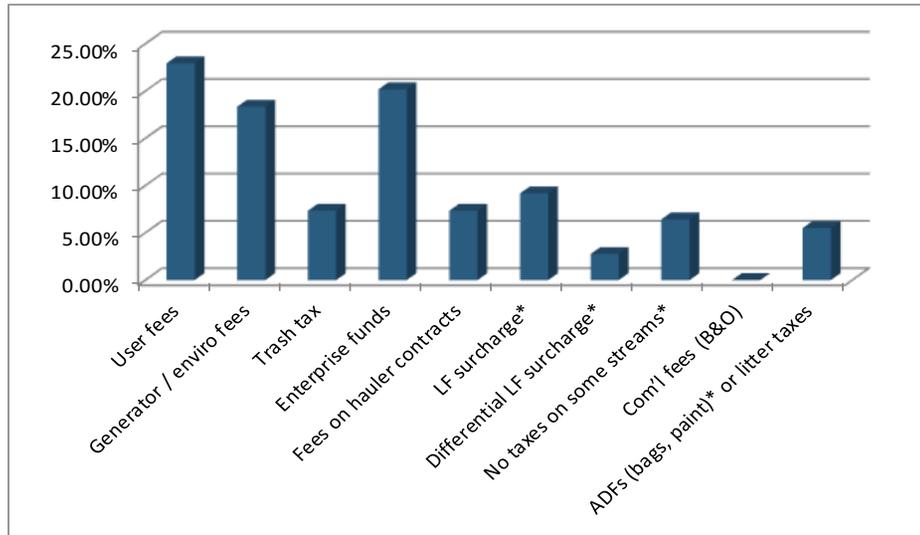
**15. FEEDBACK 15r – Funding Options already in place locally (vote for 3) (Multiple Choice - Multiple Response)**

	Responses	
	Percent	Count
User fees	42.86%	12
Generator / enviro fees	0.00%	0
Trash tax	0.00%	0
Enterprise funds	0.00%	0
Fees on hauler contracts	7.14%	2
LF surcharge*	17.86%	5
Differential LF surcharge*	0.00%	0
No taxes on some streams*	3.57%	1
Com'l fees (B&O)	10.71%	3
ADFs (bags, paint)* or litter taxes	17.86%	5
<b>Totals</b>	<b>100%</b>	<b>28</b>



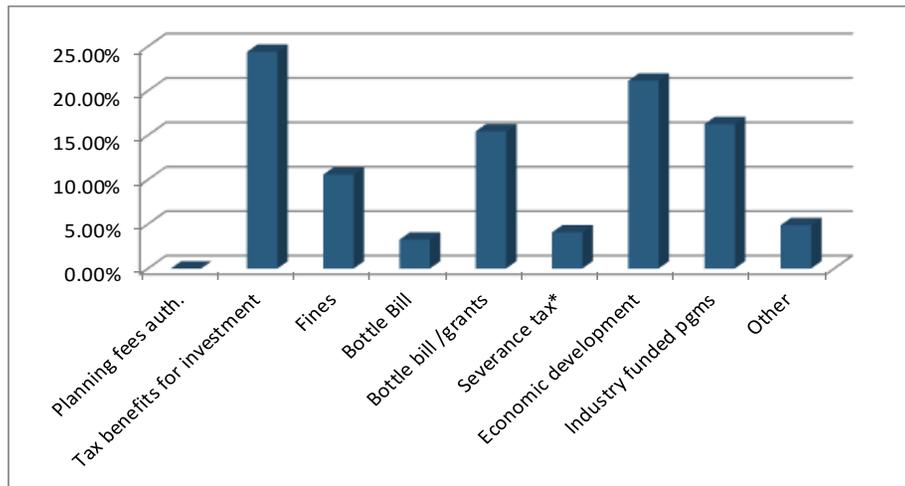
**16. FEEDBACK 16r – Most likely “Next” local funding options to get SUPPORT (up to 3 in order of support) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
User fees	22.94%	25
Generator / enviro fees	18.35%	20
Trash tax	7.34%	8
Enterprise funds	20.18%	22
Fees on hauler contracts	7.34%	8
LF surcharge*	9.17%	10
Differential LF surcharge*	2.75%	3
No taxes on some streams*	6.42%	7
Com'l fees (B&O)	0.00%	0
ADFs (bags, paint)* or litter taxes	5.50%	6
<b>Totals</b>	<b>100%</b>	<b>109</b>



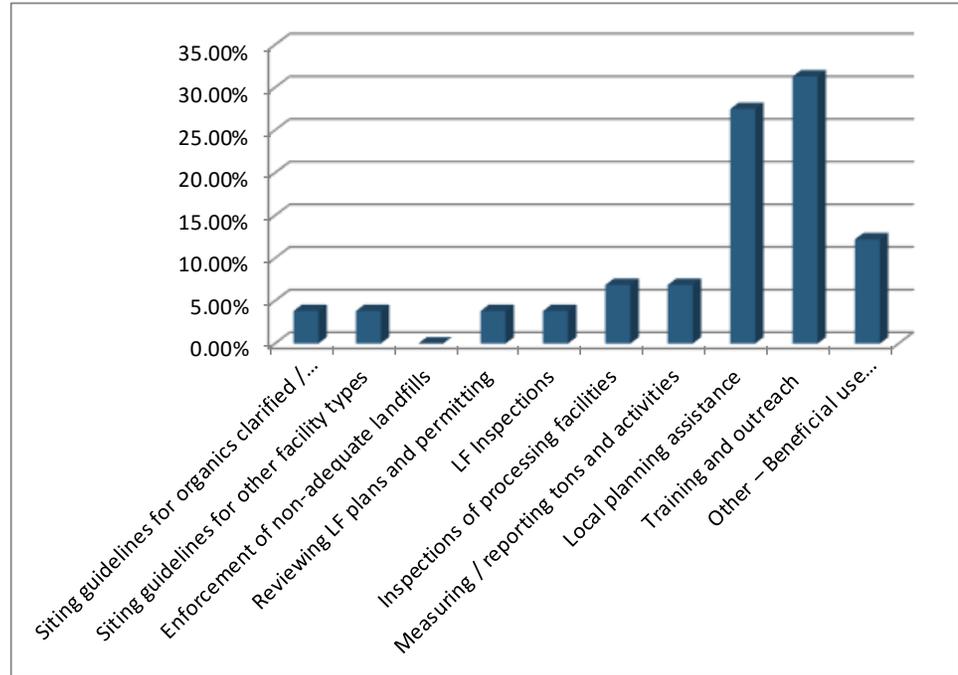
**17. FEEDBACK 17r– Other funding options you’d most SUPPORT (up to 3 in order of support) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
Planning fees auth.	0.00%	0
Tax benefits for investment	24.39%	30
Fines	10.57%	13
Bottle Bill	3.25%	4
Bottle bill /grants	15.45%	19
Severance tax*	4.07%	5
Economic development	21.14%	26
Industry funded pgms	16.26%	20
Other	4.88%	6
<b>Totals</b>	<b>100%</b>	<b>123</b>



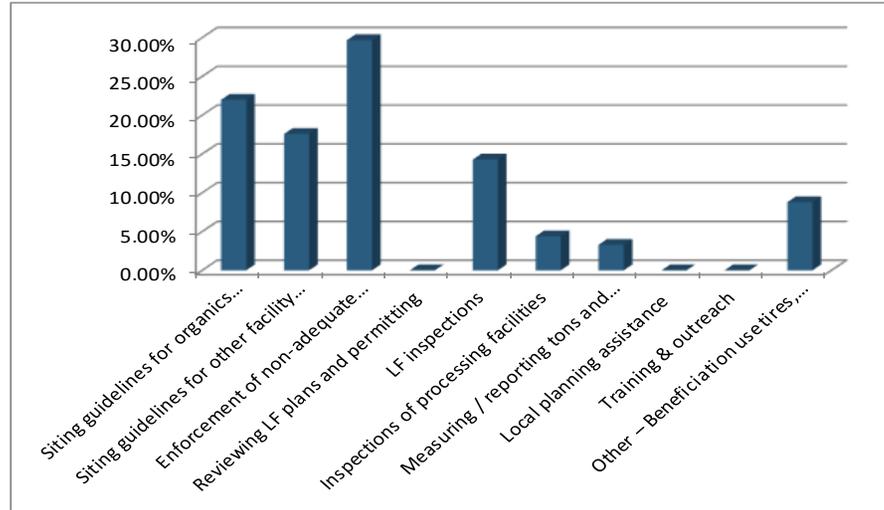
18. FEEDBACK 18 –What are the top 3 things you think the state should do MORE of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	3.82%	5
Siting guidelines for other facility types	3.82%	5
Enforcement of non-adequate landfills	0.00%	0
Reviewing LF plans and permitting	3.82%	5
LF Inspections	3.82%	5
Inspections of processing facilities	6.87%	9
Measuring / reporting tons and activities	6.87%	9
Local planning assistance	27.48%	36
Training and outreach	31.30%	41
Other – Beneficial use permit/oversi;tires,paint, pharma, HHW	12.21%	16
<b>Totals</b>	<b>100%</b>	<b>131</b>



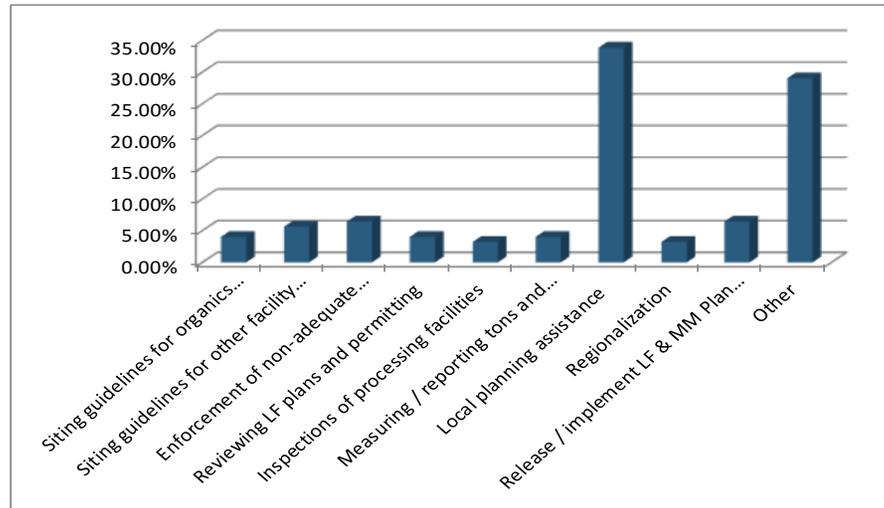
**19. FEEDBACK 19 –What are the top 3 things you think the state should do LESS of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	21.98%	20
Siting guidelines for other facility types	17.58%	16
Enforcement of non-adequate landfills	29.67%	27
Reviewing LF plans and permitting	0.00%	0
LF inspections	14.29%	13
Inspections of processing facilities	4.40%	4
Measuring / reporting tons and activities	3.30%	3
Local planning assistance	0.00%	0
Training & outreach	0.00%	0
Other – Beneficiation use tires, paint, pharma, HHW	8.79%	8
<b>Totals</b>	<b>100%</b>	<b>91</b>



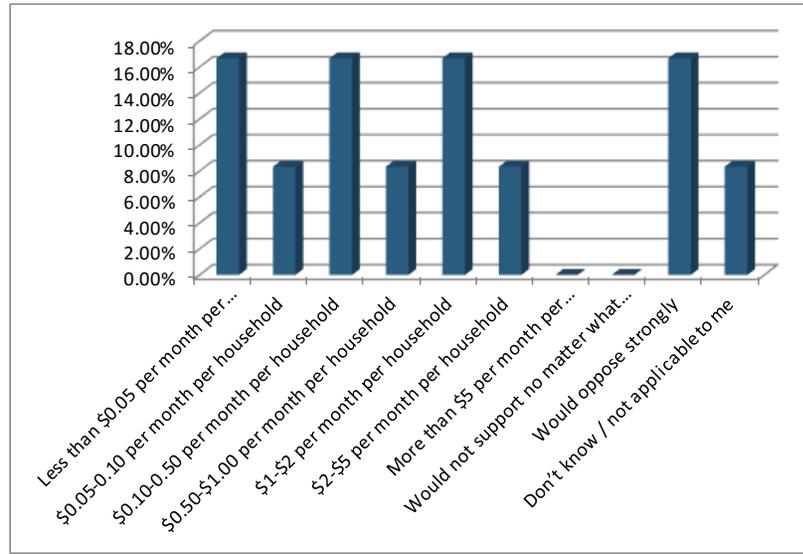
**20. FEEDBACK 20 –What are the top 3 things you think the state should do SOON? – (Click 3 answers in ORDER most important to least) (Priority Ranking)**

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	4.03%	5
Siting guidelines for other facility types	5.65%	7
Enforcement of non-adequate landfills	6.45%	8
Reviewing LF plans and permitting	4.03%	5
Inspections of processing facilities	3.23%	4
Measuring / reporting tons and activities	4.03%	5
Local planning assistance	33.87%	42
Regionalization	3.23%	4
Release / implement LF & MM Plan & regs / funding	6.45%	8
Other	29.03%	36
<b>Totals</b>	<b>100%</b>	<b>124</b>



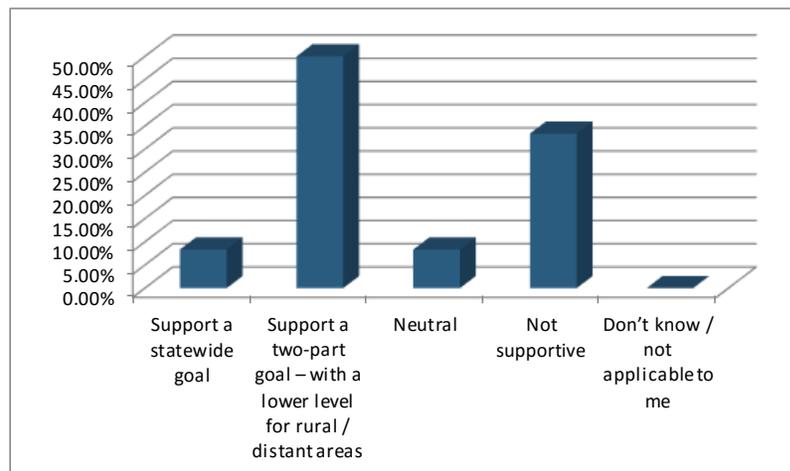
**21. FEEDBACK 21 –If a trash tax or “generator fee” were introduced, what dollar amount should it be? (Multiple Choice)**

	Responses	
	Percent	Count
Less than \$0.05 per month per household	16.67%	2
\$0.05-0.10 per month per household	8.33%	1
\$0.10-0.50 per month per household	16.67%	2
\$0.50-\$1.00 per month per household	8.33%	1
\$1-\$2 per month per household	16.67%	2
\$2-\$5 per month per household	8.33%	1
More than \$5 per month per household	0.00%	0
Would not support no matter what level	0.00%	0
Would oppose strongly	16.67%	2
Don't know / not applicable to me	8.33%	1
<b>Totals</b>	<b>100%</b>	<b>12</b>



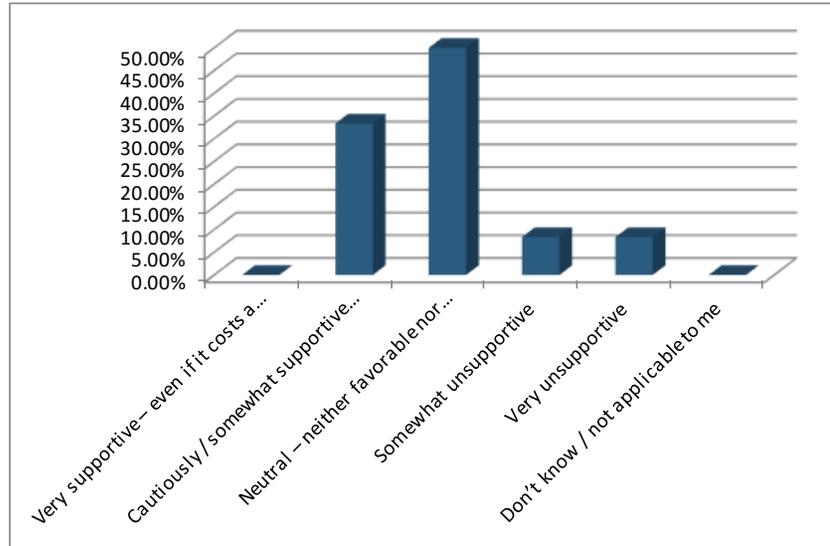
**22. FEEDBACK 22 – How supportive are YOU for the State to establish a recycling goal? (Multiple Choice)**

	Responses	
	Percent	Count
Support a statewide goal	8.33%	1
Support a two-part goal – with a lower level for rural / distant areas	50.00%	6
Neutral	8.33%	1
Not supportive	33.33%	4
Don't know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



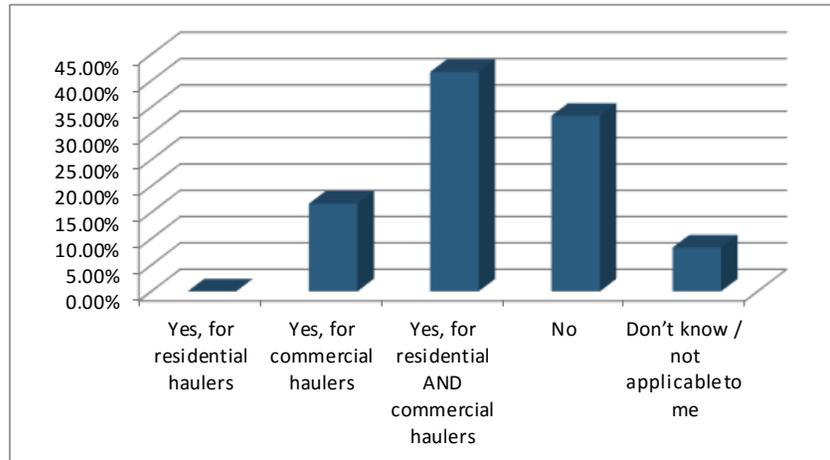
**23. FEEDBACK 23 – How supportive are your decision-makers of more recycling in your community – given your local economics? (Multiple Choice)**

	Responses	
	Percent	Count
Very supportive – even if it costs a bit more	0.00%	0
Cautiously / somewhat supportive – if it doesn't pencil out too badly	33.33%	4
Neutral – neither favorable nor unfavorable – it is all about the economics	50.00%	6
Somewhat unsupportive	8.33%	1
Very unsupportive	8.33%	1
Don't know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



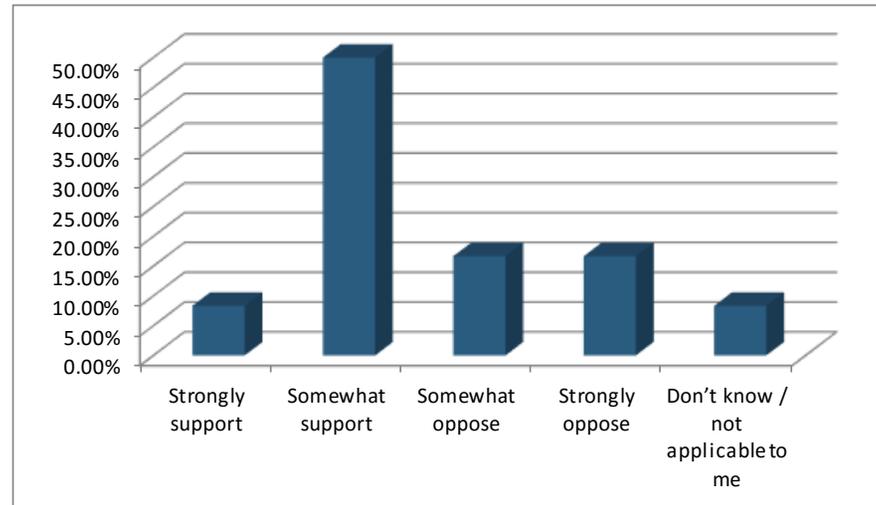
**24. FEEDBACK 24 –Would you find it acceptable to have the state license haulers, require tonnage reporting, and report back to you on diversion, and disposed tons? (Multiple Choice)**

	Responses	
	Percent	Count
Yes, for residential haulers	0.00%	0
Yes, for commercial haulers	16.67%	2
Yes, for residential AND commercial haulers	41.67%	5
No	33.33%	4
Don't know / not applicable to me	8.33%	1
<b>Totals</b>	<b>100%</b>	<b>12</b>



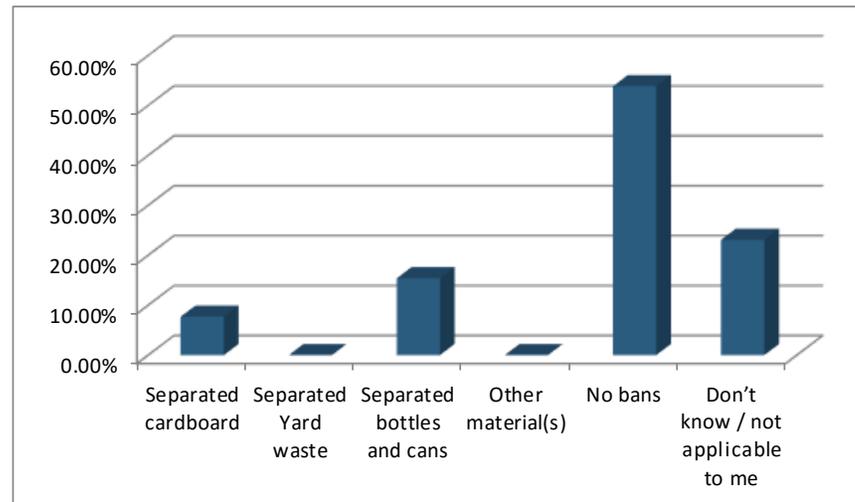
**25. FEEDBACK 25 –Do you support the State considering introducing regional planning areas (adjoining counties, wastesheds) for solid waste management planning? (Multiple Choice)**

	Responses	
	Percent	Count
Strongly support	8.33%	1
Somewhat support	50.00%	6
Somewhat oppose	16.67%	2
Strongly oppose	16.67%	2
Don't know / not applicable to me	8.33%	1
<b>Totals</b>	<b>100%</b>	<b>12</b>



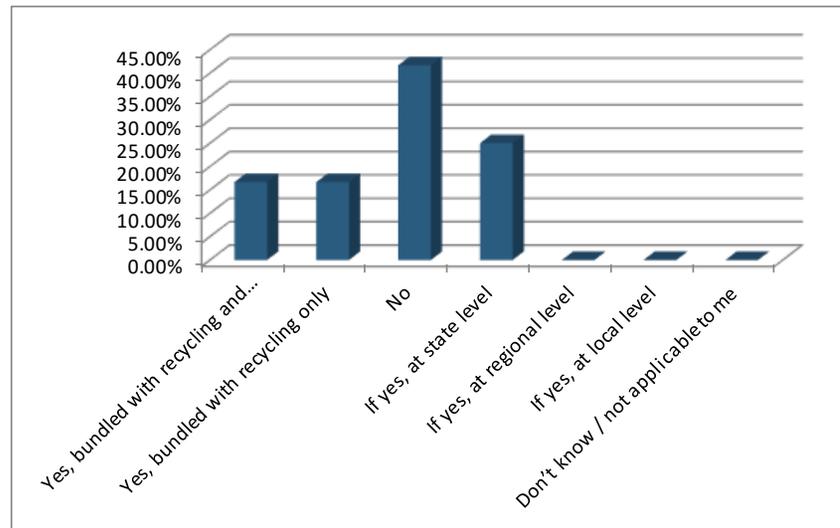
**26. FEEDBACK 26 – Should the State consider BANNING any of these materials from disposal? (Multiple Choice - Multiple Response)**

	Responses	
	Percent	Count
Separated cardboard	7.69%	1
Separated Yard waste	0.00%	0
Separated bottles and cans	15.38%	2
Other material(s)	0.00%	0
No bans	53.85%	7
Don't know / not applicable to me	23.08%	3
<b>Totals</b>	<b>100%</b>	<b>13</b>



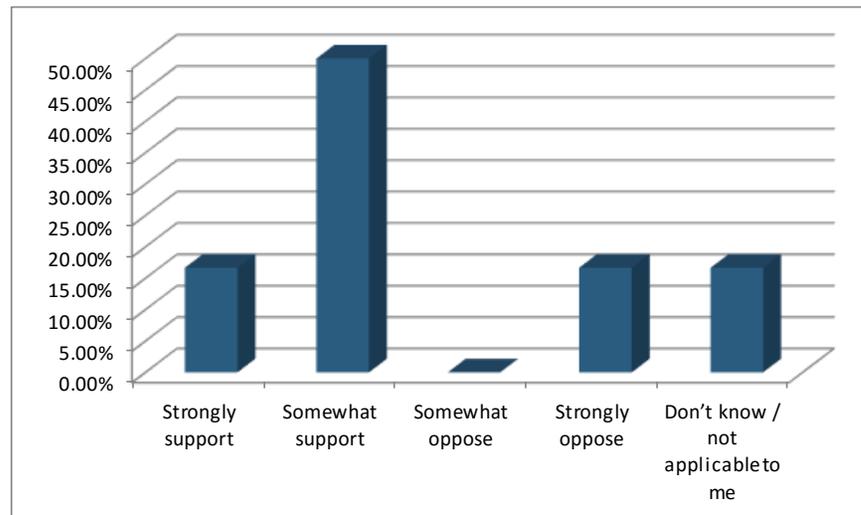
**27. FEEDBACK 27 –Would your community support PAYT-type rate incentives for trash bundled with recycling options? (vote for “level” too) (Multiple Choice)**

	Responses	
	Percent	Count
Yes, bundled with recycling and organics collection	16.67%	2
Yes, bundled with recycling only	16.67%	2
No	41.67%	5
If yes, at state level	25.00%	3
If yes, at regional level	0.00%	0
If yes, at local level	0.00%	0
Don't know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



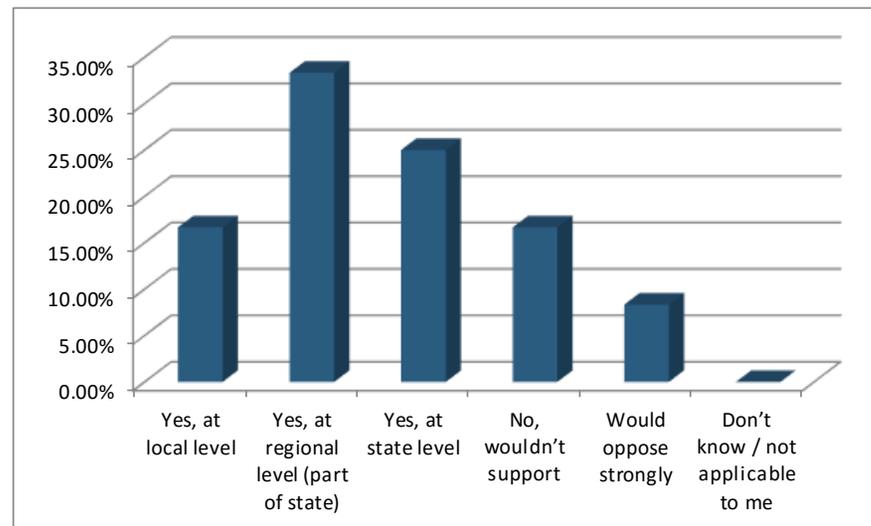
**28. FEEDBACK 28 – Thinking about feasible recycling options in your area... Would you support consideration of Hub and Spoke in this area? (Multiple Choice)**

	Responses	
	Percent	Count
Strongly support	16.67%	2
Somewhat support	50.00%	6
Somewhat oppose	0.00%	0
Strongly oppose	16.67%	2
Don't know / not applicable to me	16.67%	2
<b>Totals</b>	<b>100%</b>	<b>12</b>



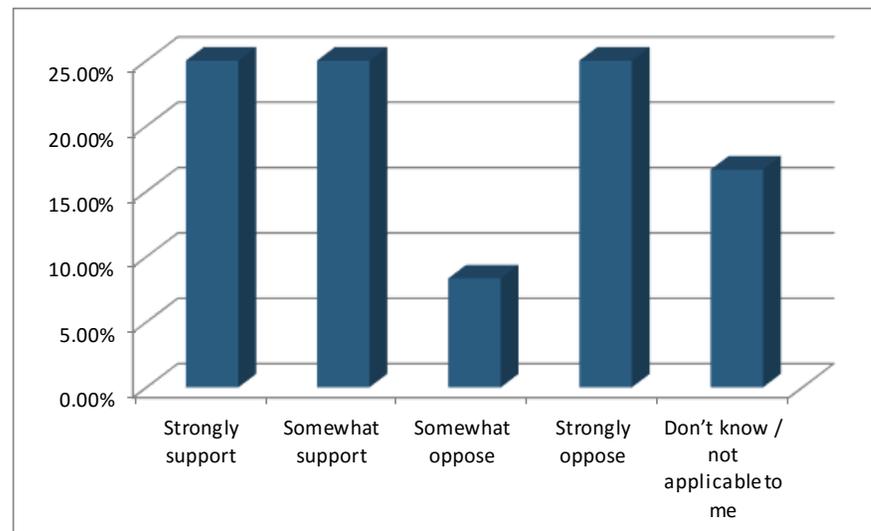
**29. FEEDBACK 29 –Would you support a “trash tax” or “generator fee” to help support solid waste management planning? (Multiple Choice)**

Responses		
	Percent	Count
Yes, at local level	16.67%	2
Yes, at regional level (part of state)	33.33%	4
Yes, at state level	25.00%	3
No, wouldn't support	16.67%	2
Would oppose strongly	8.33%	1
Don't know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



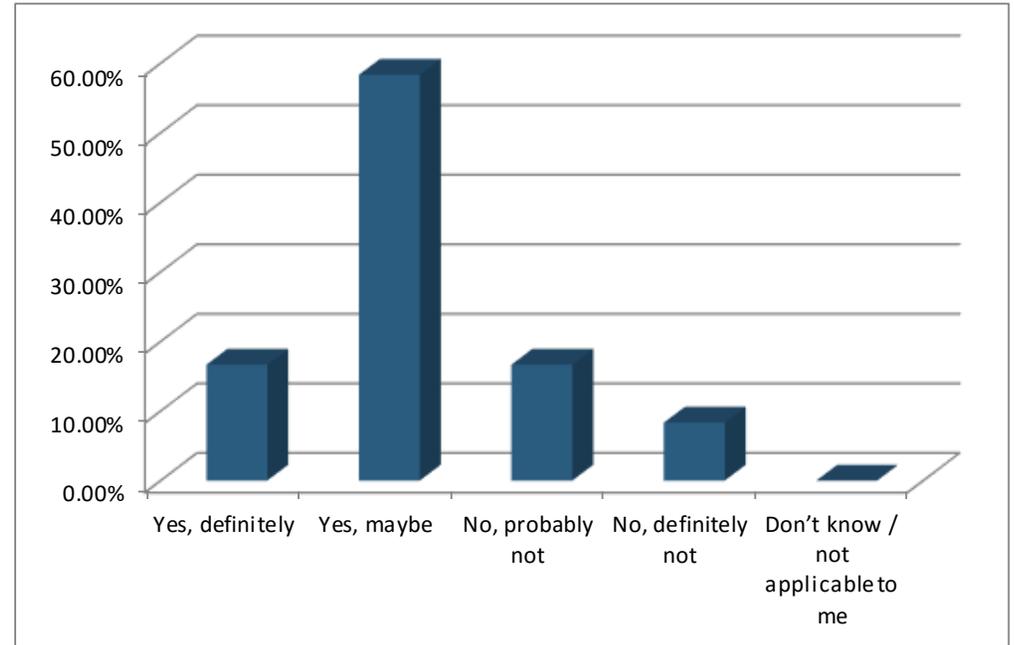
**30. FEEDBACK 30 – Do you think WTE or similar technologies would be supported in this area? (Multiple Choice)**

Responses		
	Percent	Count
Strongly support	25.00%	3
Somewhat support	25.00%	3
Somewhat oppose	8.33%	1
Strongly oppose	25.00%	3
Don't know / not applicable to me	16.67%	2
<b>Totals</b>	<b>100%</b>	<b>12</b>



**31. FEEDBACK 31 – Do you think YOUR county’s Economic Development Dep’t could be useful in improving recycling environment? (Multiple Choice)**

	Responses	
	Percent	Count
Yes, definitely	16.67%	2
Yes, maybe	58.33%	7
No, probably not	16.67%	2
No, definitely not	8.33%	1
Don’t know / not applicable to me	0.00%	0
<b>Totals</b>	<b>100%</b>	<b>12</b>



# APPENDIX B-

## CDPH&E Materials Management

### Pueblo Pre-Meeting Survey Results

## Q2 How many years have you (worked in / been part) of Waste / Recycling / Materials Management?

Answered: 3 Skipped: 4

Answer Choices	Responses
2 (2)	33% 1
4 (4)	33% 1
10 (10)	33% 1
<b>Total</b>	<b>3</b>

Basic Statistics				
Minimum	Maximum	Median	Mean	Standard Deviation
2.00	10.00	4.00	5.33	3.40

## Q3 How many years have you (worked in / been part) of Waste / Recycling / Materials Management IN COLORADO?

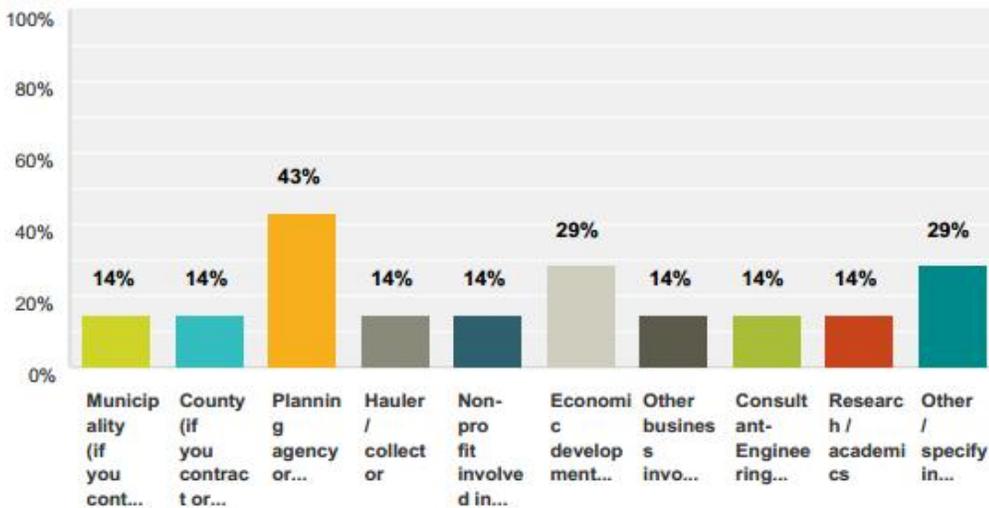
Answered: 3 Skipped: 4

Answer Choices	Responses
2 (2)	33% 1
4 (4)	33% 1
10 (10)	33% 1
<b>Total</b>	<b>3</b>

Basic Statistics				
Minimum	Maximum	Median	Mean	Standard Deviation
2.00	10.00	4.00	5.33	3.40

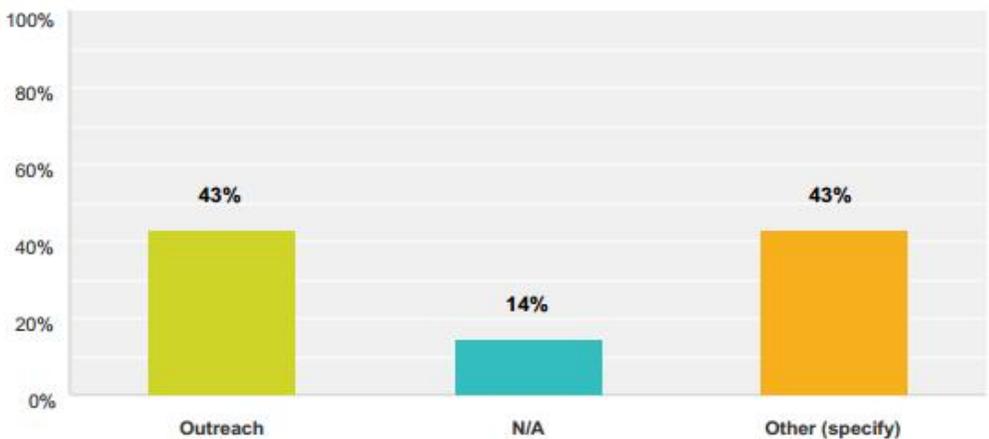
**Q4 Which of the following best describes your (or your company's) role in solid waste (check all that apply):**

Answered: 7 Skipped: 0



**Q5 Which of the following services do you provide? (check all that apply)**

Answered: 7 Skipped: 0



**Q7 We are asking specifics about programs and facilities in the waste shed areas. Which subareas are you most knowledgeable about and will use to answer this survey? (you may choose more than one)**

Answered: 7 Skipped: 0

Answer Choices	Responses
City- Please list City / CitiesName(s).	71.43% 5
County - Please list County Name.	85.71% 6
Waste shed / Region- Please describe.	71.43% 5
Other- Please list Name and Area.	14.29% 1

**Q9 Please list which of these are available  
in your area (the one you listed above)?  
(check all that apply)**

	In City / Town	In County	Other	Not Available	Total Respondents
Residential trash collection	71% 5	71% 5	0% 0	0% 0	7
Residential recycling collection	60% 3	0% 0	0% 0	40% 2	5
Residential composting collection	25% 1	0% 0	0% 0	75% 3	4
Drop off recycling	60% 3	0% 0	0% 0	40% 2	5
Drop off composting	25% 1	0% 0	0% 0	75% 3	4
Commercial trash collection	60% 3	40% 2	0% 0	20% 1	5
Commercial recycling collection	20% 1	0% 0	0% 0	80% 4	5
Commercial composting collection	0% 0	0% 0	0% 0	100% 4	4
C&D services	33% 1	33% 1	0% 0	67% 2	3
Transfer Station	0% 0	80% 4	0% 0	20% 1	5
Recycling Processing (MRF)	0% 0	0% 0	0% 0	100% 4	4
Compost Processing	0% 0	0% 0	0% 0	100% 4	4
Outreach	20% 1	20% 1	20% 1	40% 2	5
Hazardous waste materials site	0% 0	0% 0	0% 0	100% 4	4
Hazardous waste events	0% 0	0% 0	0% 0	100% 4	4
Electronics collection events	25% 1	0% 0	0% 0	75% 3	4
Require space for recycling	33% 1	0% 0	0% 0	67% 2	3
Recycling Material Bans / Mandates	25% 1	0% 0	0% 0	75% 3	4
Composting Materials Bans / Mandates	0% 0	0% 0	0% 0	100% 4	4
Commercial Recycling Requirement	0% 0	0% 0	0% 0	100% 4	4
Commercial Composting / Green Waste Requirements	0% 0	0% 0	0% 0	100% 4	4
Hub & Spoke Programs	0% 0	0% 0	50% 2	50% 2	4
Residential PAYT	0% 0	0% 0	0% 0	100% 3	3
Commercial PAYT (recycling included in rates)	0% 0	0% 0	0% 0	100% 3	3

## Q10 If available- Who provides the following in your area?

Answered: 7 Skipped: 0

	Residential curbside trash collection	Residential curbside recycling collection	Residential yard / green waste collection	Total Respondents
Open subscriptions	67% 2	33% 1	0% 0	3
City staff	33% 1	0% 0	67% 2	3
County staff	0% 0	0% 0	0% 0	0
Contract Hauler(s)	100% 5	0% 0	0% 0	5
Other	0% 0	100% 1	0% 0	1

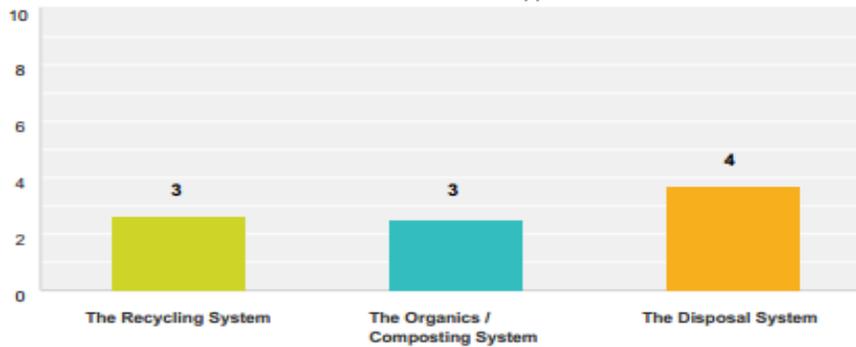
## Q11 If known, please list your area's...

Answered: 3 Skipped: 4

Answer Choices	Responses
Current Residential Recycling Rate.	33.33% 1
Current Residential Organics / Compost Rate.	0.00% 0
Current Residential Curbside Trash Fee and what it includes.	66.67% 2

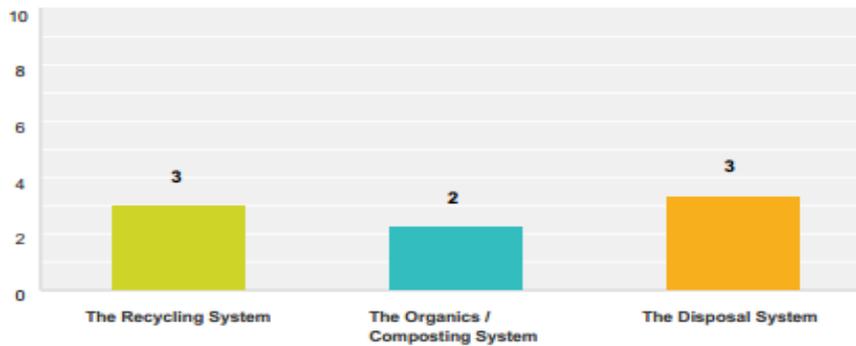
**Q12 How well do you think each of the following is working in your area?  
(1= not well; 5= very well)**

Answered: 6 Skipped: 1



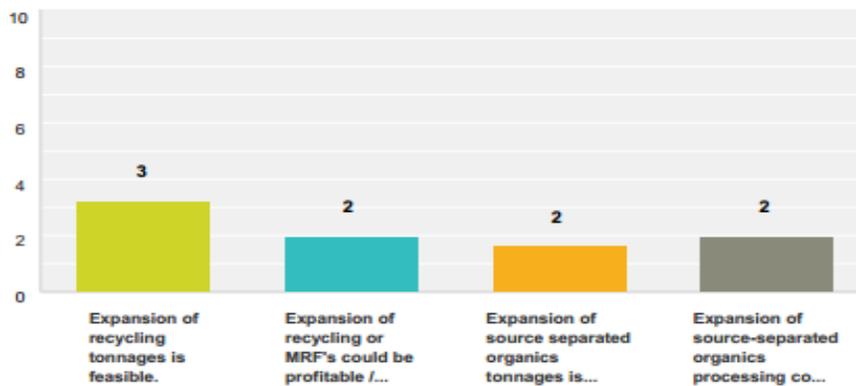
**Q13 How satisfied are you with each of the following in your area? (1= not at all; 5= very satisfied)**

Answered: 6 Skipped: 1



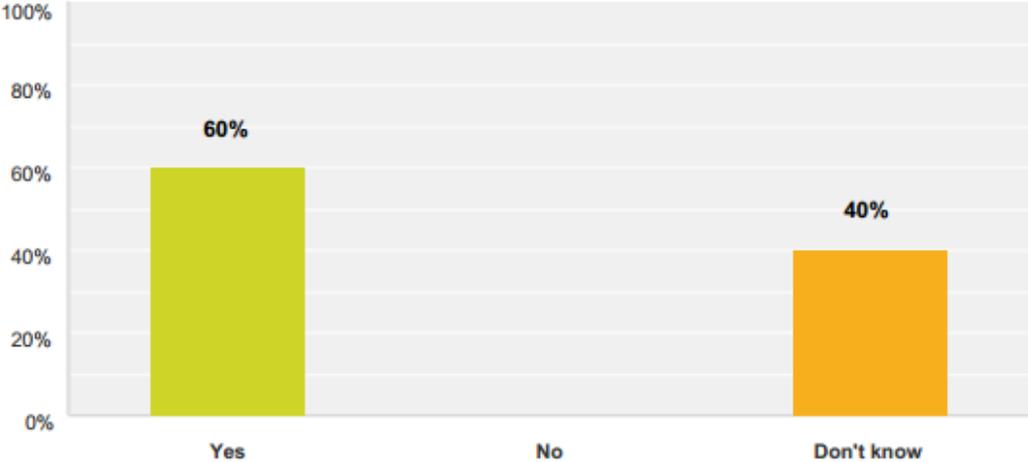
**Q14 Please rank the following for your area; 1=Disagree strongly; 5=Agree strongly**

Answered: 5 Skipped: 2



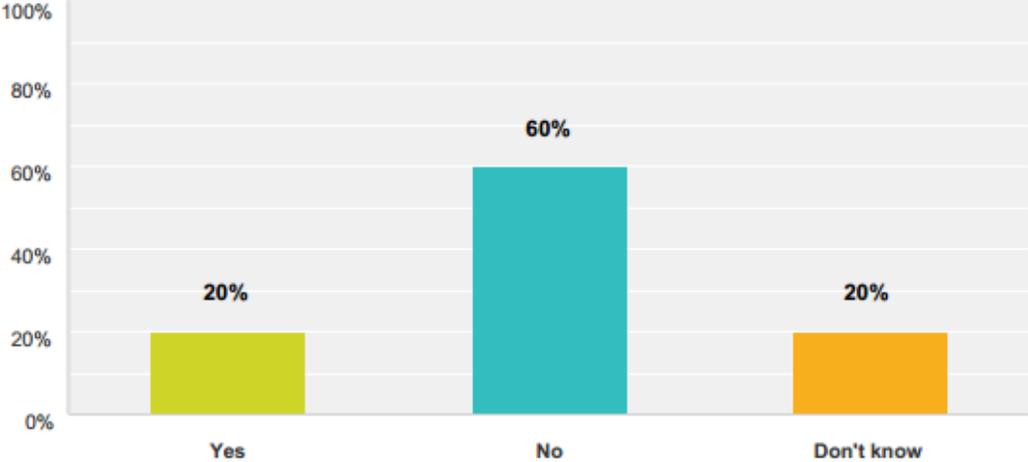
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**Q15 Have you ever considered Hub & Spoke?**



**Q16 Have you ever considered Waste-to-Energy or some variation?**

Answered: 5 Skipped: 2



**Q17 What are the most important barriers that constrain you / your company from expanding recycling or composting – or the expansion of recycling / composting facilities? (check the top 3 for recycling and top 3 for composting)**

Answered: 4 Skipped: 3

	RECYCLING	ORGANICS	Total Respondents
Lack of material supply	0% 0	100% 1	1
Low participation / collection program weaknesses	100% 2	0% 0	2
Poor enforcement of mandates / regulations	0% 0	0% 0	0
Insufficient municipal commitment to diversion programs	100% 1	0% 0	1
Waste committed to flow to specific facilities or put-or-pay agreements	0% 0	0% 0	0
Contamination of incoming materials	0% 0	100% 1	1
High capital cost / lack of financing	100% 2	100% 2	2
Poor operational economics / profitability (why / detail in "other")	0% 0	0% 0	0
Permitting	0% 0	0% 0	0
Siting barriers	0% 0	0% 0	0
Competitive pressures (explain in "other")	0% 0	0% 0	0
Insufficient understanding of technologies	0% 0	0% 0	0
Markets – access	0% 0	0% 0	0
Insufficient demand / pricing for products (e.g. baled recyclables, compost, biogas, etc.)	100% 1	100% 1	1
Profitability issues	33% 1	100% 3	3
Identifying programs / services	0% 0	0% 0	0
Service quality	0% 0	0% 0	0
Illegal dumping	100% 2	50% 1	2
Low landfill prices	0% 0	0% 0	0
Lack of demand locally for product	0% 0	0% 0	0
Other (specify)	100% 1	100% 1	1

### Q26 What are your top three market development needs?

Answered: 0 Skipped: 7

Answer Choices	Responses
1.	0.00% 0
2.	0.00% 0
3.	0.00% 0

### Q27 If commodity prices stay low; will your recycling programs survive?

Answered: 0 Skipped: 7

Answer Choices	Responses
Yes	0.00% 0
No	0.00% 0
Other / specify	0.00% 0
<b>Total Respondents: 0</b>	

### Q28 If no, what would you need to survive?

Answered: 0 Skipped: 7

Answer Choices	Responses
Higher customer's rates	0.00% 0
Government subsidies	0.00% 0
Other / specify	0.00% 0
<b>Total Respondents: 0</b>	

### Q29 (For haulers, municipalities, etc.) How is your compost marketed?

Answered: 0 Skipped: 7

Answer Choices	Responses
Given away	0.00% 0
Sold retail / commercially	0.00% 0
Not sure / NA	0.00% 0
Other / specify	0.00% 0
<b>Total Respondents: 0</b>	

### Q30 FOR facility or economic development actors:

Answered: 3 Skipped: 4

Answer Choices	Responses
A. Does your organization have specific programs designed to expand or site new recycling or composting or AD facilities? (please state time frame; 1-3 years, 3-6 years, 7-10years)	33.33% 1
B. To what extent has your organization worked with recycling-related businesses in the past? Currently?	66.67% 2
C. How can your organization's programs and activities assist recycling business growth under current authorities / funding?	33.33% 1
E. Does not apply. (please put NA in box)	33.33% 1

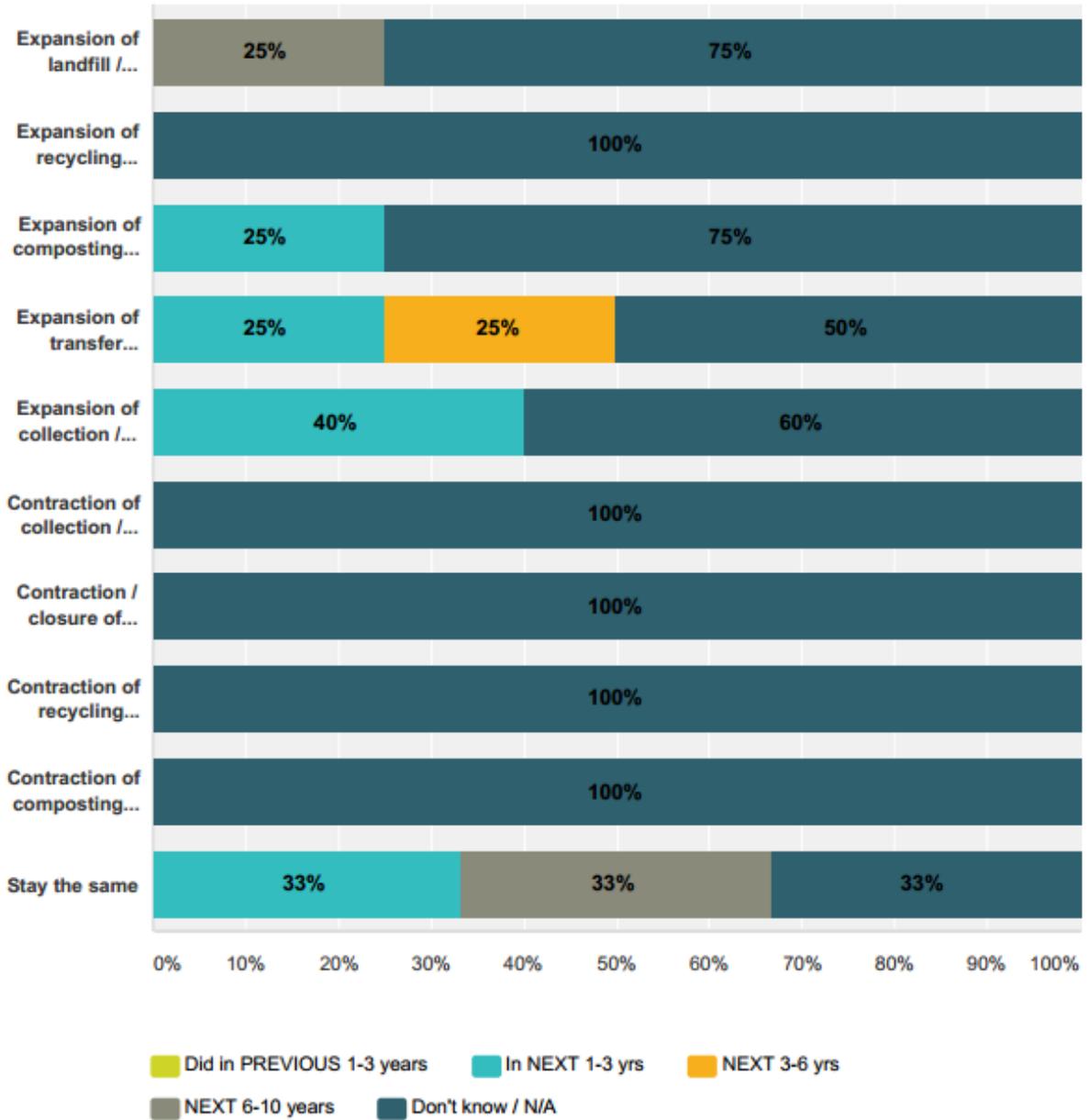
### Q31 Do you believe that any of the following “higher level” policies would / might be effective at changing the structure of solid waste practices in a way that increases diversion or the economics of the system?

Answered: 6 Skipped: 1

	Grants to encourage Hub & Spoke	Establish regional planning districts with responsibilities.	Moving toward some version of franchise agreements, districting, or contracts for residential collection.	Moving toward some version of franchise agreements, districting, or contracts for commercial collection in some urban areas.	Requiring recycling goals (could vary by area; be lower for rural areas)	Increasing funding through landfill surcharge.	Increasing funding through oil & gas severance tax.	Regionalizing landfills	Producer Responsibility strategies	Mandating through ordinance PAYT (pay as you throw) or volume based pricing	Total
It will help	13% 4	16% 5	10% 3	3% 1	13% 4	3% 1	13% 4	10% 3	13% 4	6% 2	31
Very against this	0% 0	0% 0	0% 0	0% 0	0% 0	80% 4	0% 0	0% 0	0% 0	20% 1	5
No opinion	14% 2	0% 0	14% 2	29% 4	7% 1	0% 0	7% 1	14% 2	7% 1	7% 1	14

### Q32 Do you have plans for the following in your area?

Answered: 5 Skipped: 2



# APPENDIX C

## CDPH&E Material Management

### ADDITIONAL OPEN ENDED ECONOMIC RESPONSES FROM PRE-MEETING SURVEYS

#### Pueblo

1. *Is the cost to operate a landfill, transfer station, and / or recycling center viewed as problematic within the region? Is this a regional concern? Please also explain why?*
  - No. My transfer station is able to operate competitively within my geographical area
  - YES. THE COST TO THE COUNTY IS OVER \$30K PER YEAR BECAUSE IF WE INCREASE FEES AT THE TRANSFER STATION, THE PEOPLE USE GULLIES AND ROADSIDES INSTEAD. I BELIEVE IT IS REGIONAL. Landfill costs drive up our cost as transfer station operator. Recycling is not viable because we just don't have the volume, primarily due to regulations and the interpretation thereof by CDPHE. It seems as though the regulations are designed to apply to low elevations with high water tables and humid high precipitation climates. This is Colorado with deep groundwater dry climate and little precipitation, primarily in the form of snow.
  - In our case, it is the historical nature of the beast. We have gone for so long operating as an amenity, that when the big picture is looked at (closure, post closure, compliance) the monies needed to do things properly can be staggering. Again, I think it is widespread, perhaps more so for the few older landfills operated by municipalities or counties.
  - Operate a landfill –A- CDPHE’s increasing tipping fees and the \$125 pr hr. letter writing for even a small issue when a simple email would suffice. I will say the Eric Jacobs (CDPHE) is becoming what better, but still- monthly invoice to CDPHE is excessive. This is due to letter writing campaigns.? - transfer station-There is one transfer station in Fremont County, operated by Howard Disposal. This seems excessive to transfer trash to a Landfill in Pueblo County (some 40 miles one way), with all the truck emissions, highway wear, etc., when a landfill is just 8 miles from the transfer station.? -recycling center-A- There are two MRF’s in Fremont County some 10 miles apart. There are hardly enough recyclables to support one. Also citizens of Fremont County are not really interested in recycling, especially with curbside collection cost. We (Twin) do have a free drop-off center for recyclables as does the City of Canon City and the City of Florence. These recyclables go to the Upper Arkansas Valley Council of Governments recycling program, so in essence there are three recycling centers in Fremont

County. The state of the markets for recyclable commodities is dismal at best. The State of Colorado must develop companies that will process commodities with –in the State, thus reducing shipping costs to west coast markets. For instance, cardboard goes to a plant in New Mexico, why do we (Colorado) not have a plant to recycle this commodity as well as plastics? If we assume that the free market will address recycling, it will die on the vine. Colorado must subsidize recycling efforts thru a financial mechanism to be determined. CAFR is working on a solution to this issue, I am afraid it will be too little too late for us small MRF's thru-out the state.

- What specific areas(s) or is it a regional concern? Fremont County would be a specific area of concern due to above stated reasons, Regional concern would be Pueblo County- lack of recycling efforts by citizens and an effective solution to a processing facility (MRF) in this area. Pueblo County recyclables could be transferred to either of the two MRF's in Fremont County
- Low commodity pricing, long distances to ship, no regional companies to buy materials, no incentives from Colorado to start new recycling operations
- Yes! Historically, the fees were kept artificially VERY low. When the new managers of the landfill came in and raised the price by a significant amount to reflect market price there was a huge outcry and rightfully so by past practice. The owners probably 'gradually' raised the price whilst educating the populous. Pueblo County is a specific concern
- Short term, the answer depends on the commodity. How profitably can the commodity be processed. Long Term, land is limited. As land gets used and land available for landfill becomes more expensive, then recycling should become more economical vs a landfill.
- For the last 2 years it has been cheaper to landfill plastics than recycle them. Paper and cardboard have been the only sustainable commodities in southeastern Colorado.
- Landfill fees perceived by the public to be very high...but they are not comparably. Pueblo avg income is just much lower than rest of the state. Recycling does cost more than landfilling due to lack of infrastructure / processors, distance to markets and costs of comprehensive education to ensure successful switch.
- It is more expensive to haul recyclables out of our area than it is to take it to the landfill
- The cost of disposing of divertible materials at the land fill is not high enough, yet. But, an alternative system/site/equipment is needed

2. *Within the region, what would be most beneficial to improve solid waste management services that are protective of human health and the environment?*
- A plastic recycling market
  - Government involvement/subsidy
  - Finished goods pricing increases, less contamination in recyclables, and more volume.
  - Local manufacturers that have a demand for the product.
  - Rise of scrap metal prices, open large MRF to service Pueblo, Otero, Crowley, Huerfano, Fremont counties, public investment in green waste facility
  - markets, transportation
  - Increase the population density.
  - Government Subsidy to kick start. Commodity pricing must come up. This will not happen until oil prices come up among other factors.
  - To better support existing companies already in place to provide such services.
  - In regards to composting, regulations need to be lightened up for small business.
  - Education, participation
  - Either the City take over waste collection and contract it to several haulers by forming collection "districts" in the city with a requirement to offer recycling collection; provide drop off sites; establish a MRF; and provide funding to do all of this.
  - Develop a hub and spoke program and ultimately develop a MRF
  - Financial assistance and outreach
  - Educate and encourage people and businesses to recycle often and correctly.
  - Provide education and let the individual companies fulfill the service needs.
  - Set and enforce diversion goals, require all facilities with CDS to offer recycling drop off at lower prices, ban organics from waste stream, set up residential large item pick up days 3x yr.....I could go on!
  - We have AMAZING support by our counties, municipalities and regional organizations. It would be WONDERFUL if the state would actually look at what is currently being done prior to deciding to change things.
  - Local mandatory recycling, subsidy in order to offer free recycling
  - same as question 22
  - Incentivize recycling. De-incentivize landfilling.
  - Mandate PAYT
  - Mandate diversion.
  - There are plenty of low cost options to manage solid waste. I think we could use community education and support to enforce the need for the service to everyone in the community. It is the least expensive utility in the Pueblo area.
  - HELP REDUCE FEES.

- Some respect for the knowledge and expertise of the local operators in their own areas. We live here.... and have the local knowledge, motivation and integrity to provide the public protection of a well-managed solid waste disposal system."
- Public education/awareness would be of great benefit. The more the general public knows the better. We talked about this briefly at the seminar and how it would take a "generation" to really change the way things are looked at i.e. recycling.
- We must find a funding mechanism for small landfills to become compliant with CDPHE Regulations. If these small landfills are forced to close, there is still the 30 yr closure costs they must bear. If they are forced to go to a Transfer Station... still the cost to permit, build and operate, as well as transfer trash long distances to a "Regional Landfill" That does not seem to be a viable solution. The small landfill's in the small population counties must realize they are going to need to bite the bullet and up or impose tipping fees and, possibly add a "trash fee" to county sales tax. I have other thoughts on the above subjects, but my arms and hands are tired of typing LOL!
- Incentives from Colorado to start new recycling operations
- PAYT, recycling

# APPENDIX D-

## CDPH&E Material Management

### TABLE GROUPS WORK SESSION: NOTES

#### **Pueblo**

##### *What's working:*

- Private Collection
- CS Recycling Facilities doing well; getting good in-flow of materials.
- SE Recycling drop-off open T-W-Sat (4 hrs./day) at Walsenburg transfer station
- Drop-off, Curbside, Education (need more)
- El Paso County working well, d/o multiple locations/curbside.
- Fremont County free d/o well.
- Pueblo-1 of 7 have c/s, d/o is available

##### *Missing / changed/ barriers:*

- Education (public and local gov't) who cares and why, markets since inception
- Pueblo County 10-15% (unscientific) of HH's do not have service.
- Huerfano County low population numbers, lower average HH income (\$18-23k/year), open space/illegal dumping of SW.
- Low commodity prices.
- Education,
- Composting,
- Funding(incentives),
- HHW
- Motivation: right thing to do, perceived cost savings, education level of citizens, methods of funding. Culture: familiarity with a collection system, "western mentality". Facilities: Insufficient quantity, inconsistent, inconvenience.
- Low tip fees and dry climate work against composting in CO.
- Huerfano d/o at transfer station not (working) well
- Pueblo very little interest (in recycling);
- Fremont would like ordinances/subs.
- Huerfano - subs, education for demographics enforcement.
- Las Animas/Trinidad - education, enforcement.
- EPC (El Paso County) – education
- Intestinal fortitude, participation rate,
- Need a culture shift - dump vs landfill (technology), recycle vs disposal,
- Education schools first (understanding of waste stream and what happens to a tangible object),

##### *Resources/successes:*

- Owners

- Pueblo, PEDCO could invest in diversion companies, processing.
- Paint Care
- COG (upper Arkansas),
- Relationships with Officials,
- Community support (lower Arkansas Valley)
- Huerfano - transfer stations/private Co's curbside.
- Pueblo - Paint Recycle/Hazard Recycle.
- EPC - County clean ups private property, code enforcement/environmental division clean up.
- Fremont - County/City clean ups, tipping fee \$\$.
- Clean-up programs, drop off locations, education

*Opportunities / sharing resources:*

- More directed meetings/comm
- CAFR,
- Marketing Materials,
- Coordinating transportation?
- Huerfano/Trinidad - Tech assist in lieu of fines, education, fines detract (from) goal

*Ideas near / long term:*

- Tire program
- Support funding for small transfer stations,
- Expand diversion program
- Education,
- Legislation (reasonable)
- Fremont/Huerfano - Subs recycle programs, market research/subs.
- Fremont - MMJ subs recycle/not tipping fee \$ city/county owned, small out of compliance landfills should be subsidized
- Competitive pricing, open subscription, market driven services
- Scheduling & transportation network
- Regional end user markets
- Mandates (enforcement, consistent, certain),
- High Disposal cost(s)
- Facilities: drop-off sites, processing sites, markets (China vs USA), volume.
- Fees to dispose of materials (ex. Bottle Bill).

*Assistance needed:*

- More flexible regs to allow recyclers to take advantage of market conditions and real problems (get the businesses involved)
- CO DED?
- Set up regional MRF
- State statute revisions to create a recycle district;
- A solid waste district
- Consistent Open Burn Policy,

- Education on Recycling economics and products, consistent markets & transportation costs
- Economic incentives, grants

*Funding ideas:*

- Tire fund for electronics, fewer costs, end users – manufacturers
- Fund plastic manufacturing business
- Fund Technology
- If allowed, sales tax, trash impact of study resulting fee for new dev.

*Not needed:*

- More unfunded mandates.
- More regulations
- Unfunded mandates,
- RREO funds going to startups without recognition of existing programs
- No more fines,
- No increase to tipping fees to subs
- Limited Government Mandates

*Roles / who's needed:*

- State Recycling Office/Coordinator
- Education for public to boost benefits,
- CDPHE educate landfill employees/owners
- End-user manufacturers, private enterprise, government support.