

# CDPH&E Alamosa Stakeholder Meeting



**Date:** January 19, 2016; 8am-1pm

**Location:** Alamosa, Student Union Building-Adams University

**Number Attending:** 16 plus 2 representatives from CDPH&E, and 2 representatives from Skumatz Economic Research Associates, Inc. (SERA); Facilitated by Lisa Skumatz, SERA.

**Communities Represented:** Conejos County, Costilla County, City of Creede, Alamosa County, and The San Luis Valley

**Sectors Represented:** Landfill owner / operators, City / County SW Staff; Elected officials, Recycling Business Representatives, Land Use Enforcement Officers and Administrators, County Public Health Officials, County Regulators, Local Land Owner.

**Overview:** This was an area in which illegal dumping is a large issue. Reasons given were that it is a very poor area and that if landfills raise their fees at all, then people will not pay. One landfill operator said he has not raised his rates since 2006. The economics of recycling is not seen as feasible, the distances are too far to haul materials; this is seen to pertain to hub and spoke programs as well. The areas are sparsely populated and only one hauler offers recycling. Drop off recycling is also difficult due to extremely limited hours open to the public. One county representative was very upset that he was shown out of compliance since he has been trying to accomplish the “list of things” CDPH&E gave them.

**Voting Overview:** For the voting session, 12 individuals participated. Votes were split about whether the local disposal system is working, with half saying it was not working. On a scale of 1-5 with five being working very well, the weighted average was 4- working well. For the diversion system, there was some ambivalence or lack of knowledge by the majority of those voting, and the voting weighted average was 2.75- leaning toward the system working OK. Education was seen as the option with the most potential for both recycling and organics diversion. There was very strong support for keeping noncompliant or not fully adequate landfills as operating landfills, and the next-most-supported option was suggesting some should become transfer stations.

**Overall Meeting Impressions and Takeaway Notes: ALAMOSA**

- Anti-hub and spoke- or not sure will work well in this area
- Illegal dumping if there’s any fee at dumps – won’t raise their tip fees
- Same since 2006
- Area is very poor
- Upset over shown out of compliance
- Distances are too far for the trucks to go to small areas
- One hauler is offering recycling – requested by customers – distinguishes him in the marketplace – not profitable, charges, and customers like him
- State needs to develop end markets – no uses locally
- No markets
- Transfer station only open 1<sup>st</sup> and 3<sup>rd</sup> Sat for 2 hours; no access.

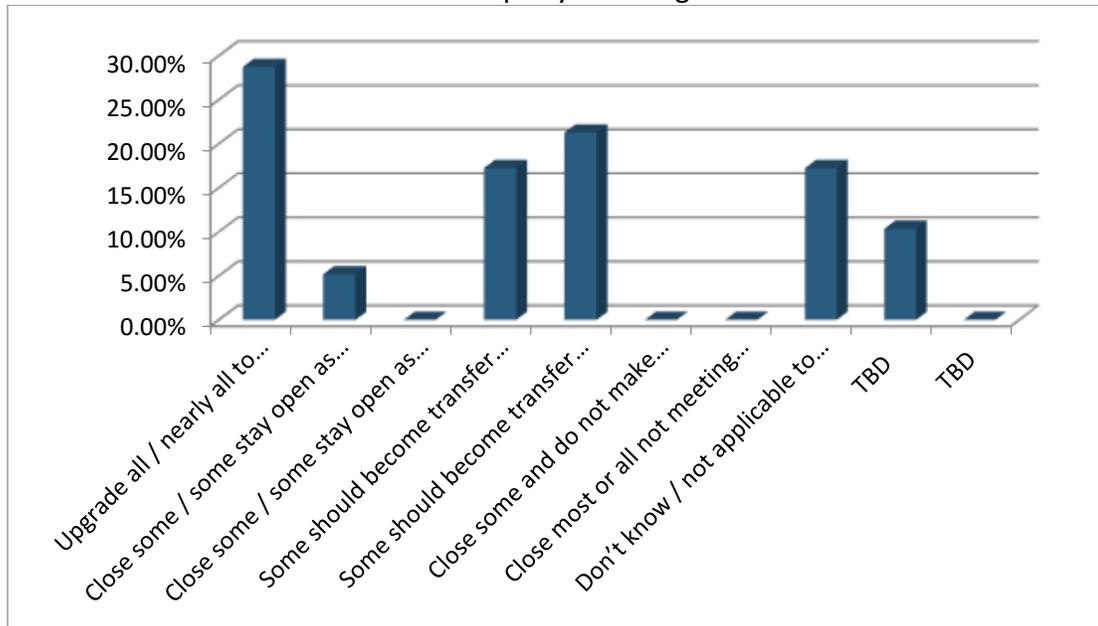
**Select Voting Results**

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

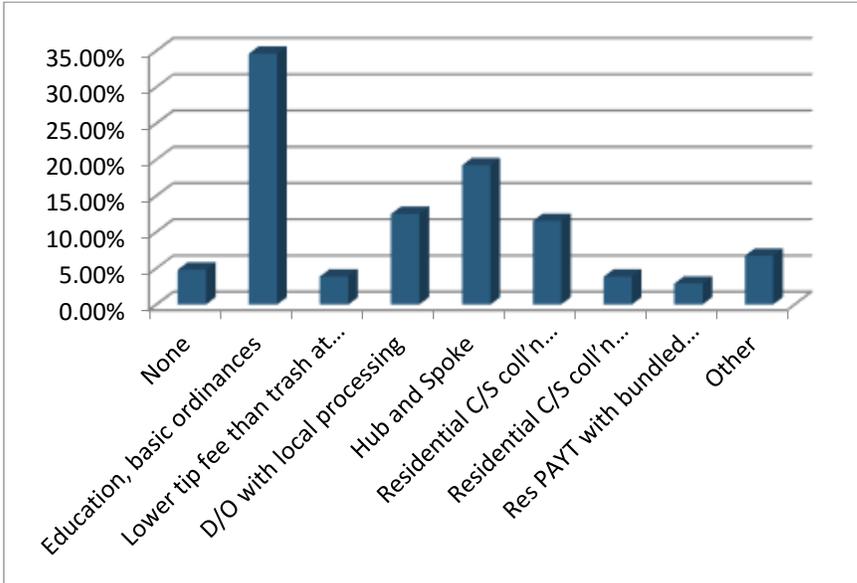
	Average score (1=not well at all; 5=working very well considering our area)	Percent responding don't know.
Disposal System	4.6	0%
Recycling / Composting system	3.2	12%

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.

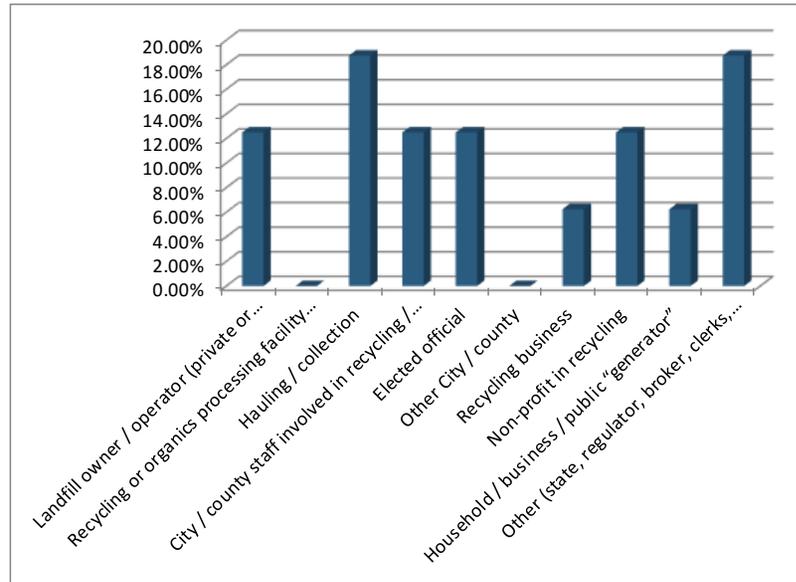
# APPENDIX A –

## CDPH&E Materials Management Stakeholders Meeting

### Alamosa Voting Results

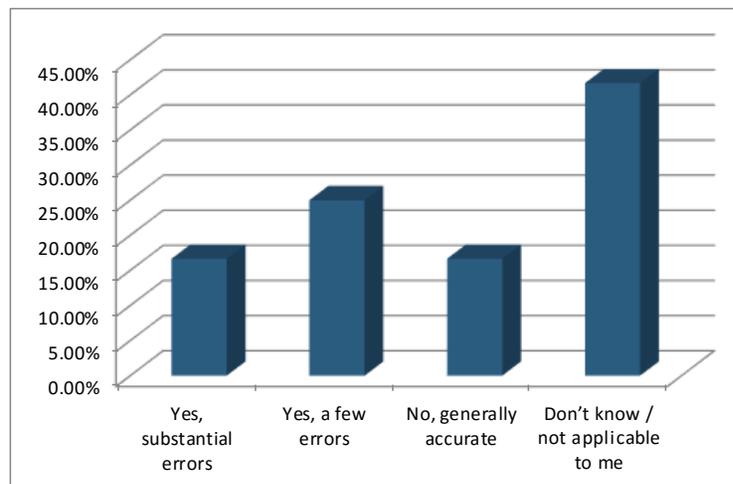
**1. FEEDBACK 1 – Who is in the room? –Your PRIMARY SW responsibilities... (up to 2) (Multiple Choice - Multiple Response)**

	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>



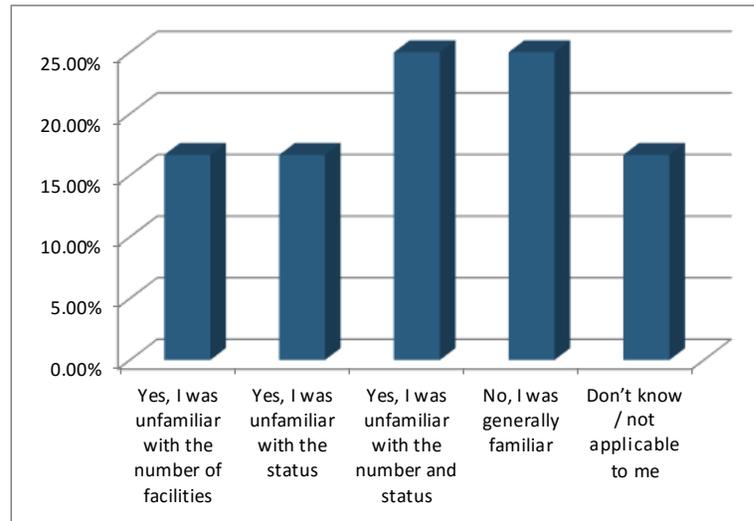
**2. FEEDBACK 2 – Looking at LF MAP... Do you think the information on the map has errors? Correct errors in map at table / leave it behind with notes**

	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>



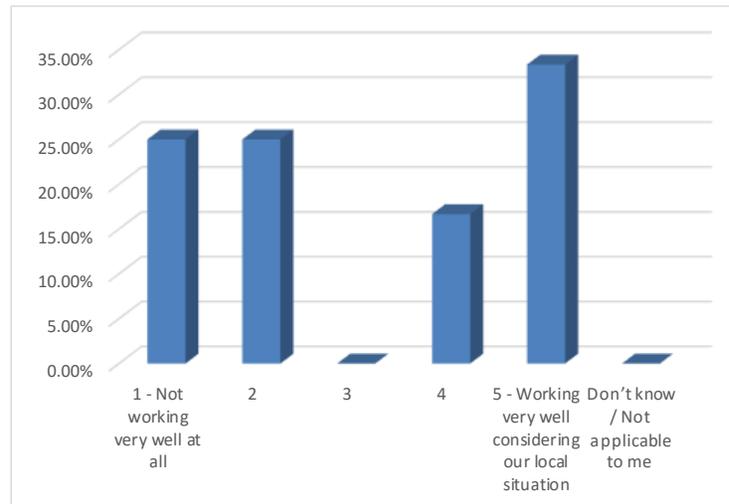
**3. FEEDBACK 3 – Looking at LF MAP... Was the content of the LF map news to you / a surprise? (Multiple Choice)**

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>



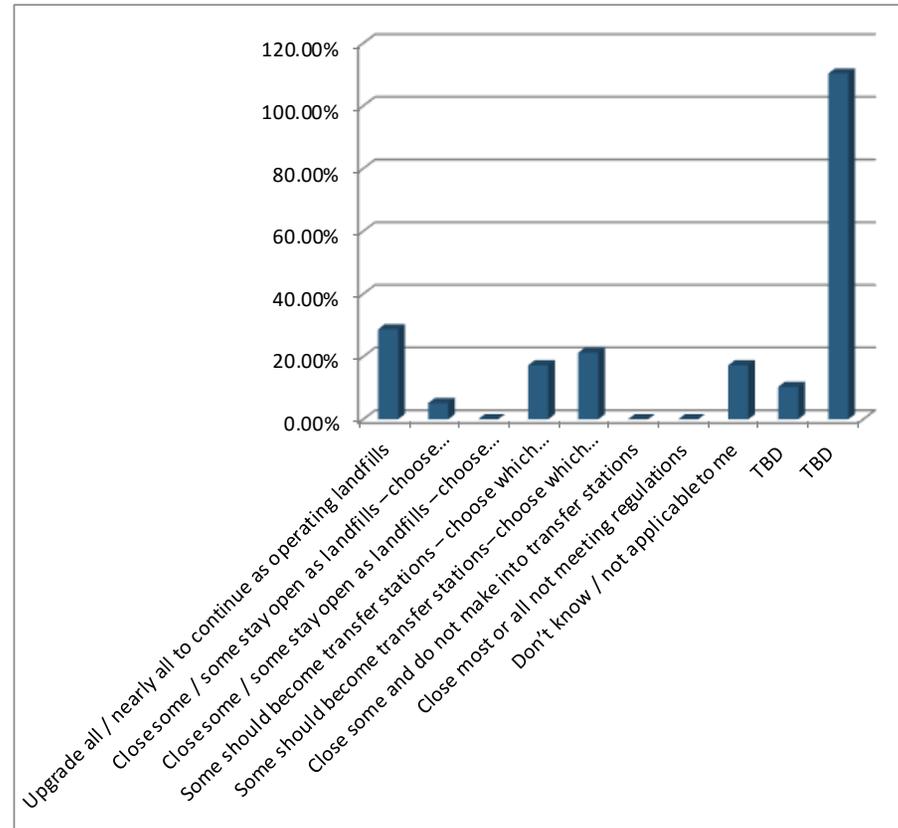
**4. FEEDBACK 4 – Looking at LF map... How well is the current disposal system working? (Multiple Choice)**

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>



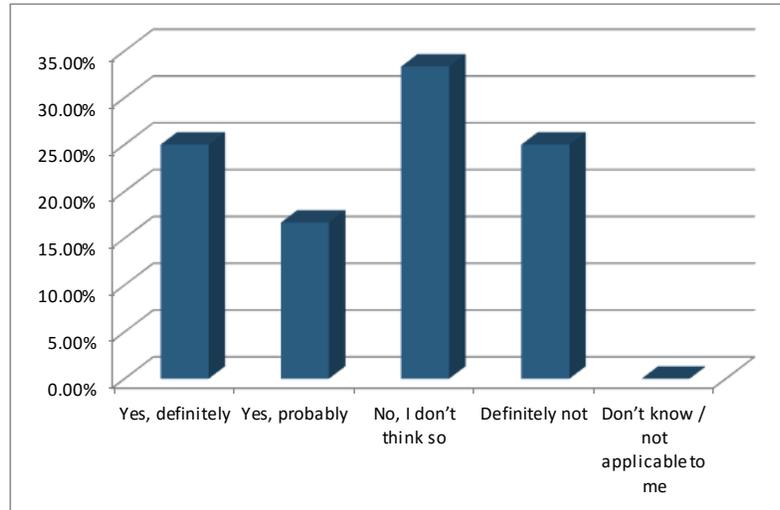
**5. FEEDBACK 5 – Thinking about the landfills in your area... Should small landfills not in full adequacy with regulations be closed or retrofitted? (Up to 2 in order) (Priority Ranking)**

	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>



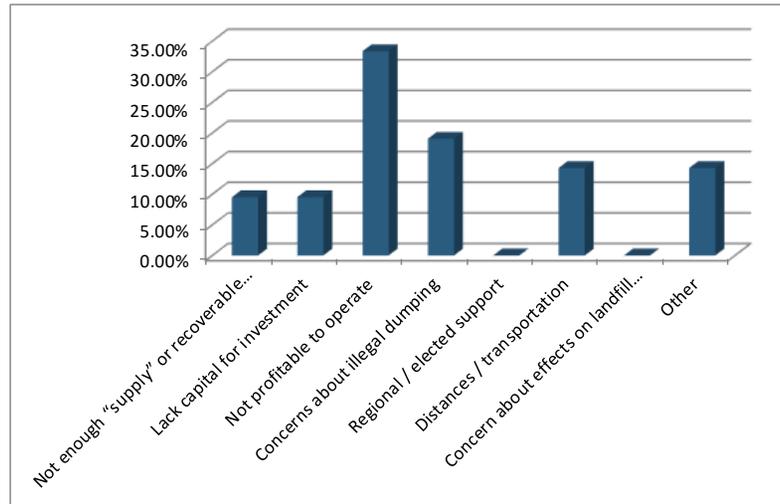
**6. FEEDBACK 6 – Thinking about the landfills in your area... Would regionalization of landfilling make sense in your area? (Multiple Choice)**

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>



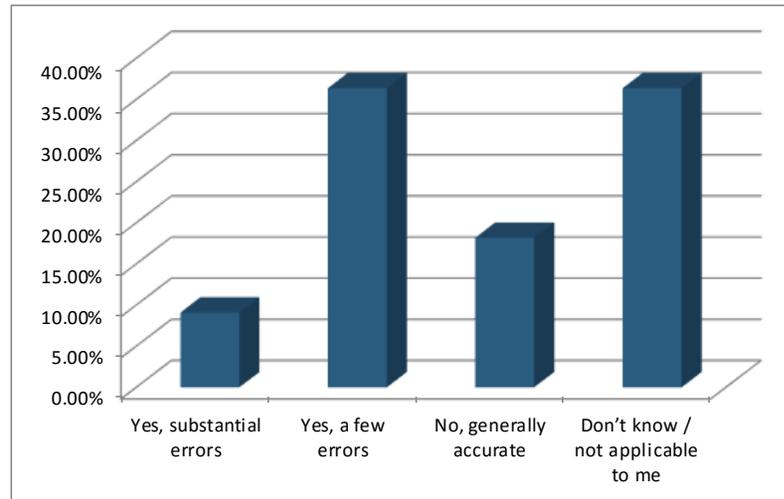
**7. FEEDBACK 7 - ALAMOSA– Barriers to more recycling / composting (2 most important) Other barriers – write in your “leave-behind” notebook (Multiple Choice - Multiple Response)**

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>



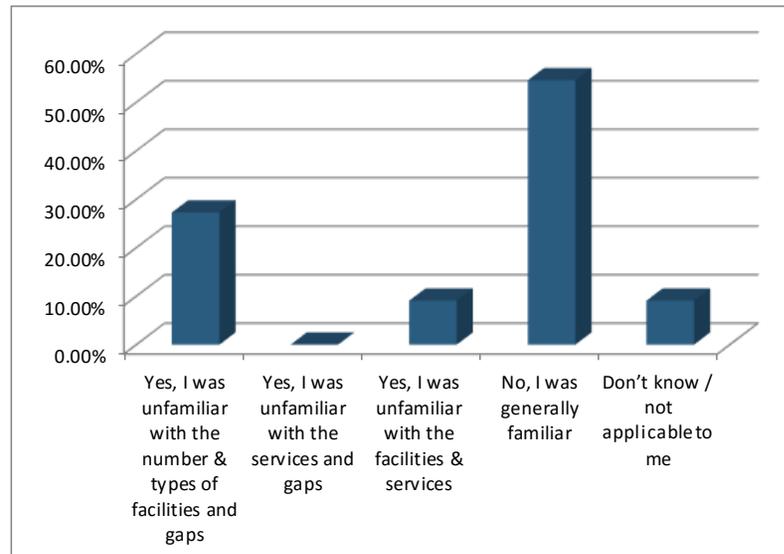
**8. FEEDBACK 8 – Looking at all facilities map ... Do you think the DIVERSION information on the map has errors? (Multiple Choice)**

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>



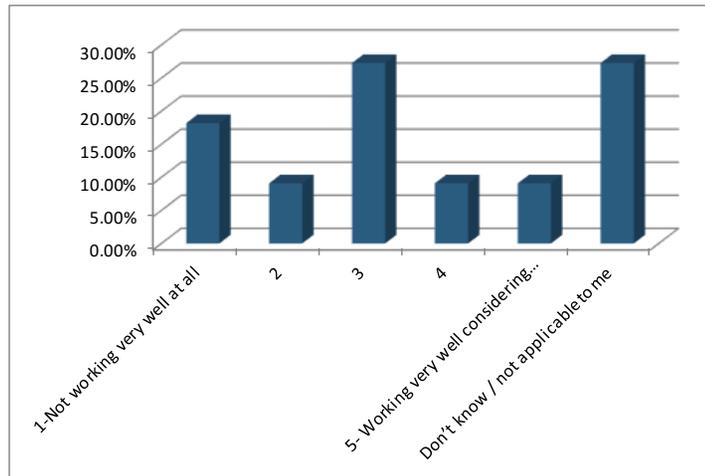
**9. FEEDBACK 9 – Looking at all facilities map - Was the content of the DIVERSION information news to you / a surprise? (Multiple Choice)**

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>



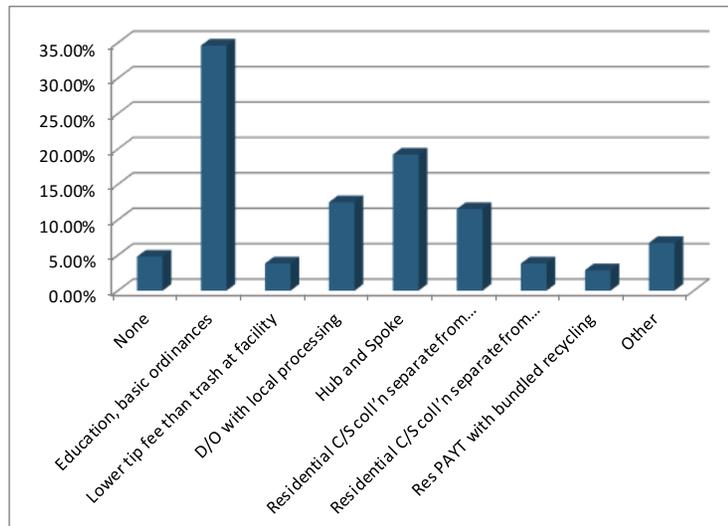
10. FEEDBACK 10 – Looking at all facilities map... How well is the current diversion system working? (Multiple Choice)

	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>



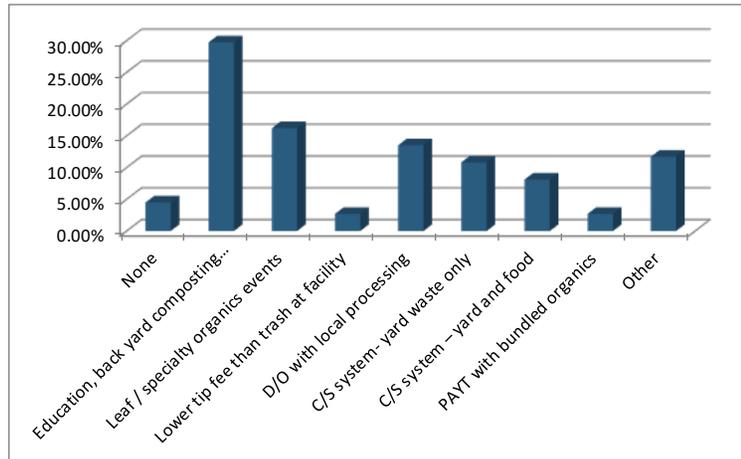
11. FEEDBACK 11r: Which 3 Recy Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)

	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>



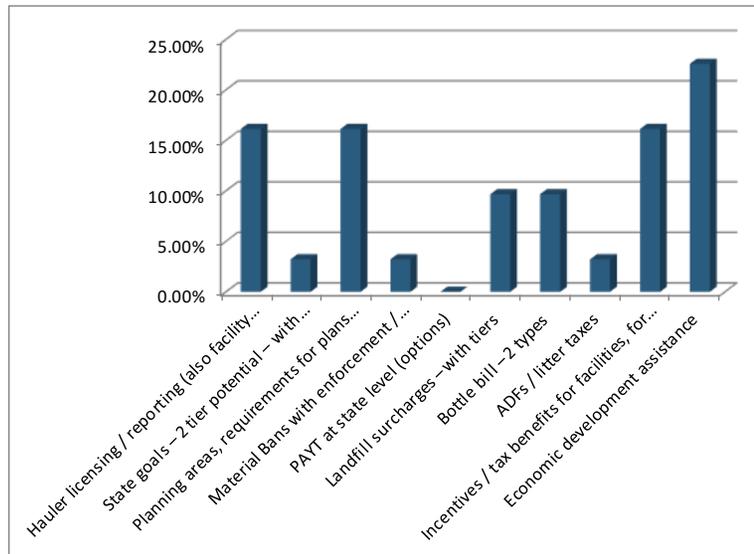
**12. FEEDBACK 12r: Which 3 Organics Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)**

	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>



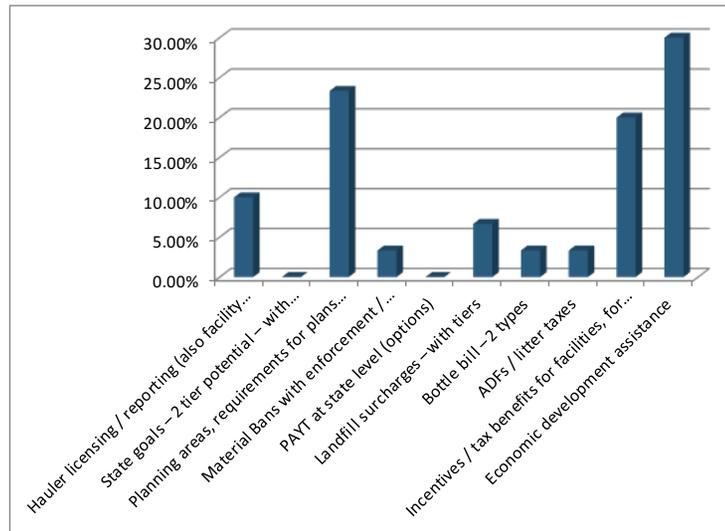
**13. FEEDBACK 13r – Best suited to WORK for your area – Diversion (vote for 3) (Multiple Choice - Multiple Response)**

	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>



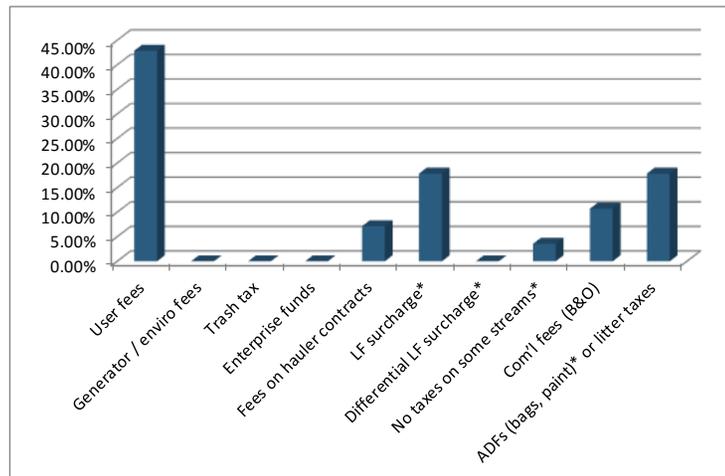
14. FEEDBACK 14r– Most likely to get SUPPORT in your area – (vote for 3) (Multiple Choice - Multiple Response)

	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>



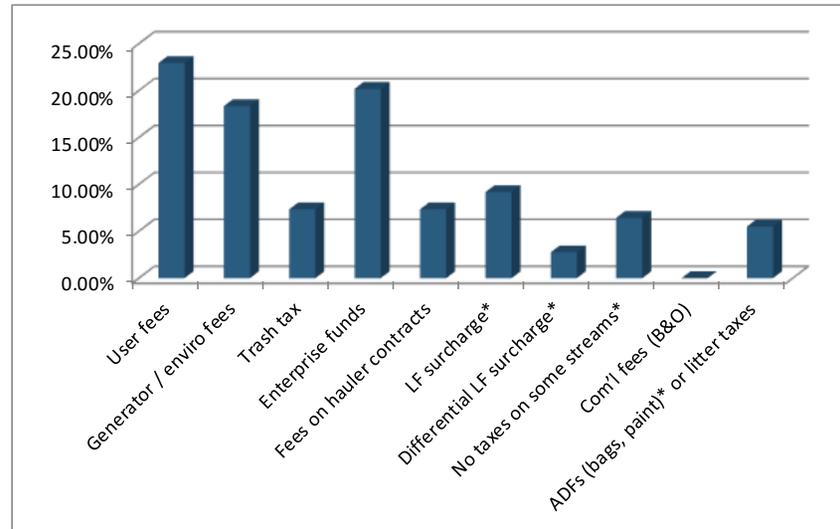
15. FEEDBACK 15r – Funding Options already in place locally (vote for 3) (Multiple Choice - Multiple Response)

	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>



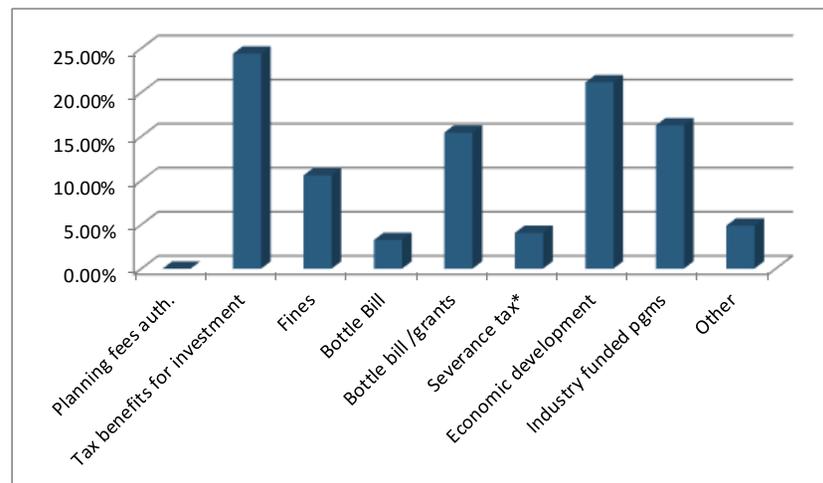
**16. FEEDBACK 16r – Most likely “Next” local funding options to get SUPPORT (up to 3 in order of support) (Priority Ranking)**

	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>



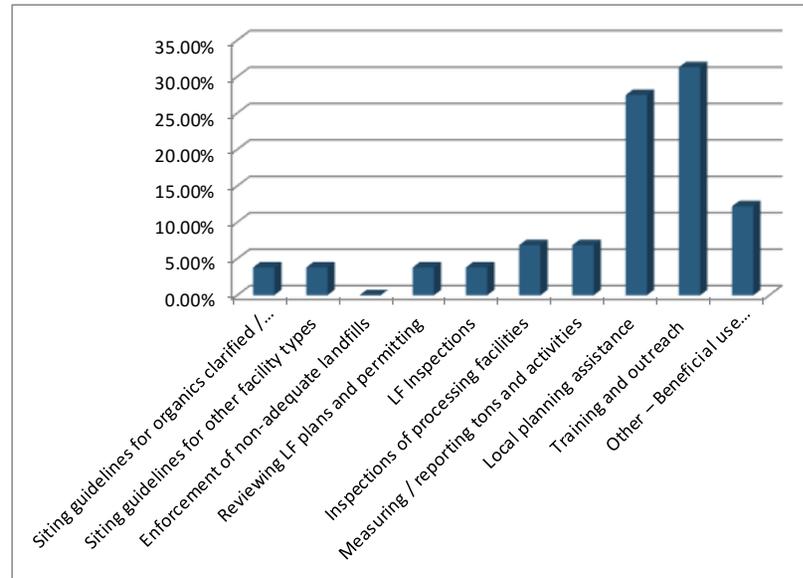
**17. FEEDBACK 17r– Other funding options you’d most SUPPORT (up to 3 in order of support) (Priority Ranking)**

	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>



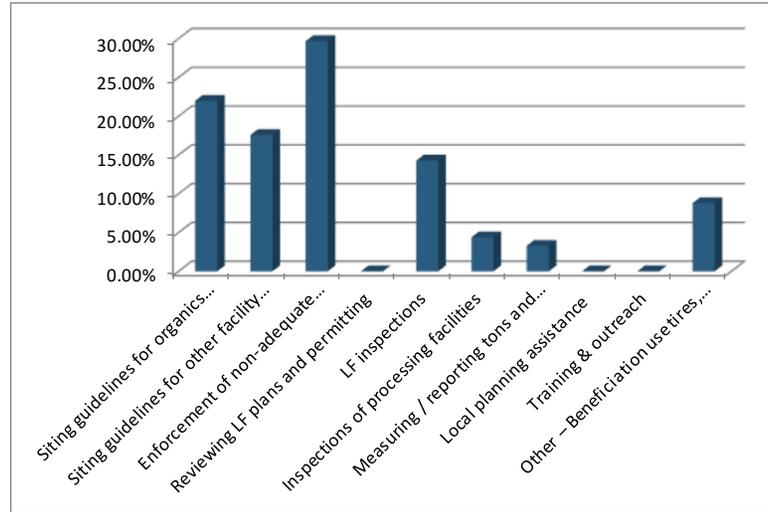
18. FEEDBACK 18 –What are the top 3 things you think the state should do MORE of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	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/oversight, tires, paint, pharma, HHW	12.21%	16
<b>Totals</b>	<b>100%</b>	<b>131</b>



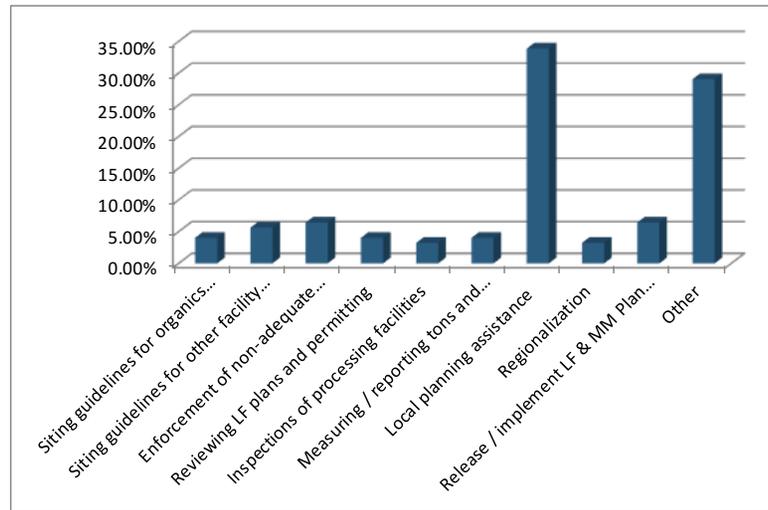
19. FEEDBACK 19 –What are the top 3 things you think the state should do LESS of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	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>



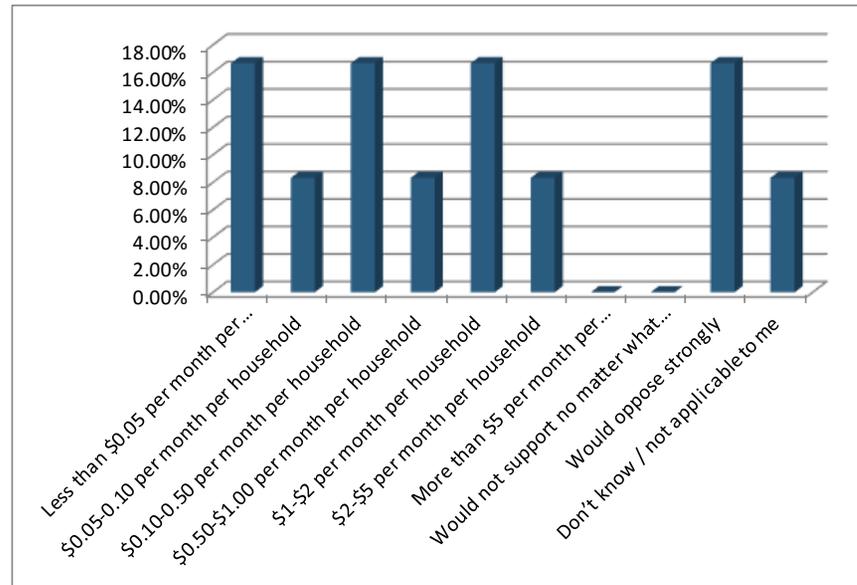
20. FEEDBACK 20 –What are the top 3 things you think the state should do SOON? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	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>



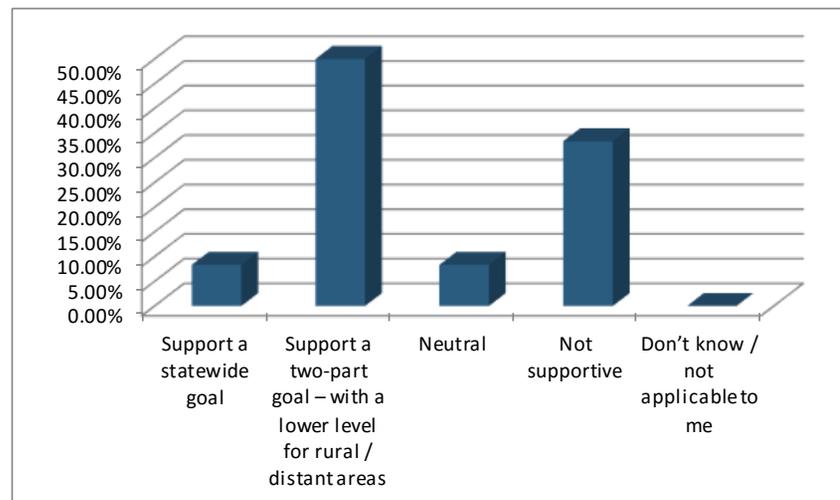
**21. FEEDBACK 21 –If a trash tax or “generator fee” were introduced, what dollar amount should it be? (Multiple Choice)**

	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>



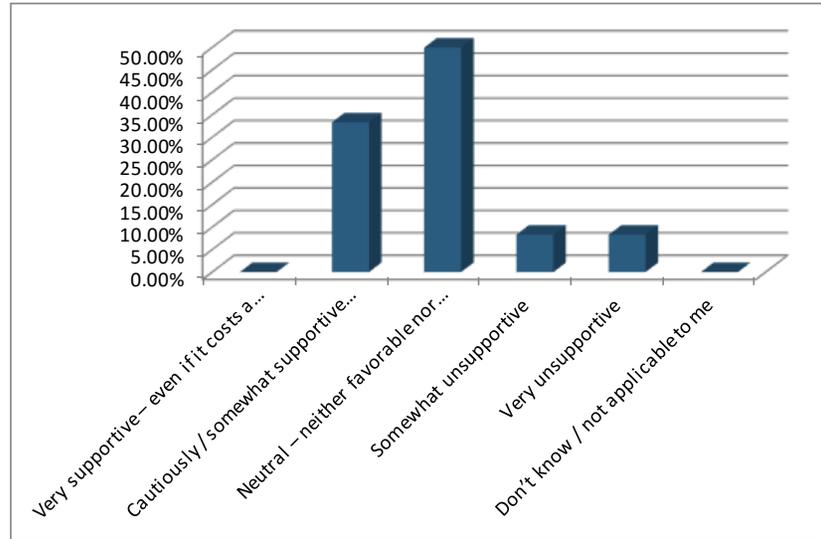
**22. FEEDBACK 22 – How supportive are YOU for the State to establish a recycling goal? (Multiple Choice)**

	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>



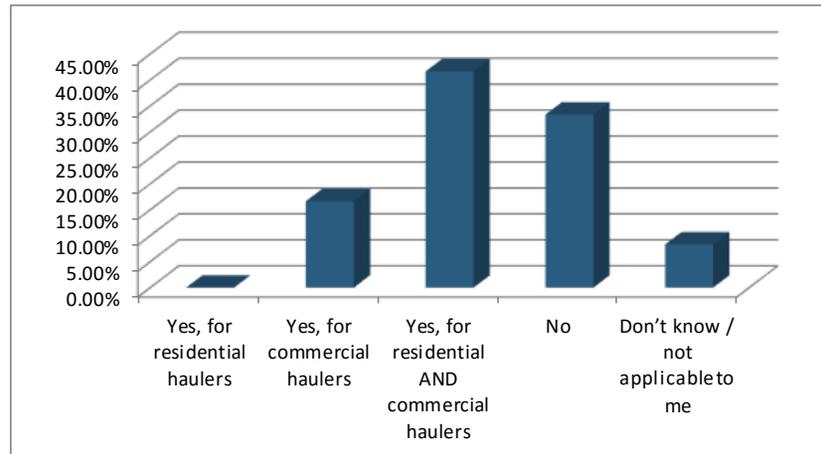
**23. FEEDBACK 23 – How supportive are your decision-makers of more recycling in your community – given your local economics? (Multiple Choice)**

	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>



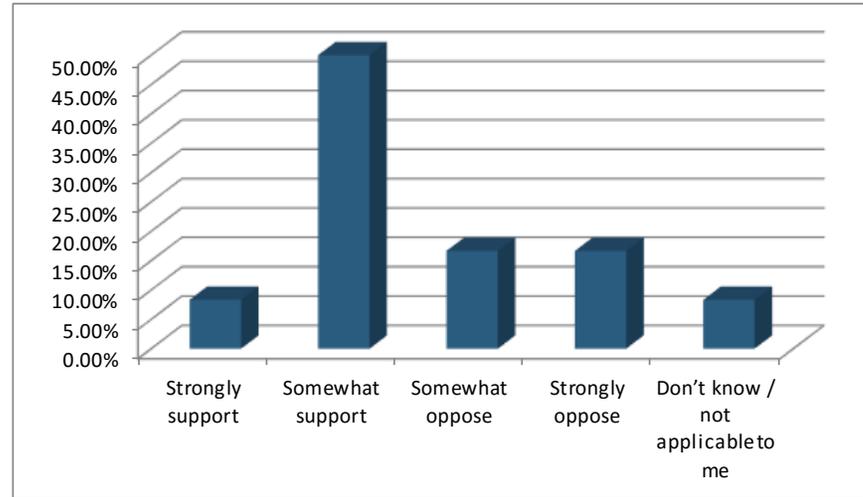
**24. FEEDBACK 24 –Would you find it acceptable to have the state license haulers, require tonnage reporting, and report back to you on diversion, and disposed tons? (Multiple Choice)**

	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>



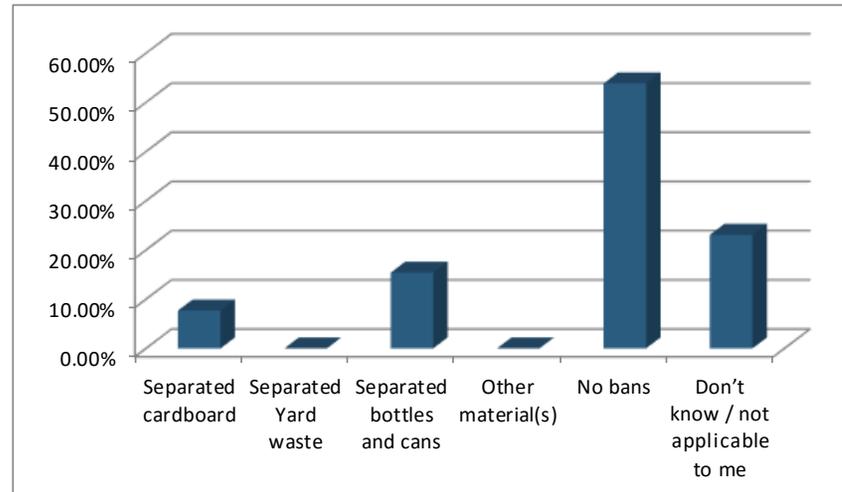
**25. FEEDBACK 25 –Do you support the State considering introducing regional planning areas (adjoining counties, watersheds) for solid waste management planning? (Multiple Choice)**

	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>



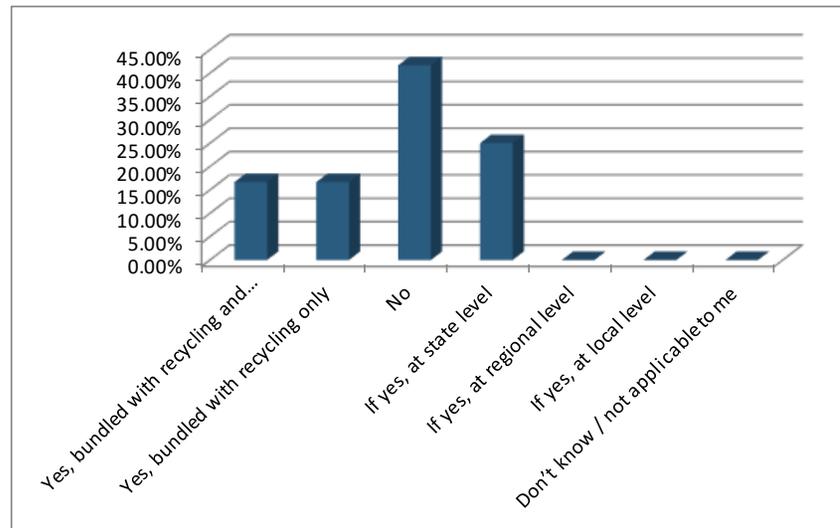
**26. FEEDBACK 26 – Should the State consider BANNING any of these materials from disposal? (Multiple Choice - Multiple Response)**

	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>



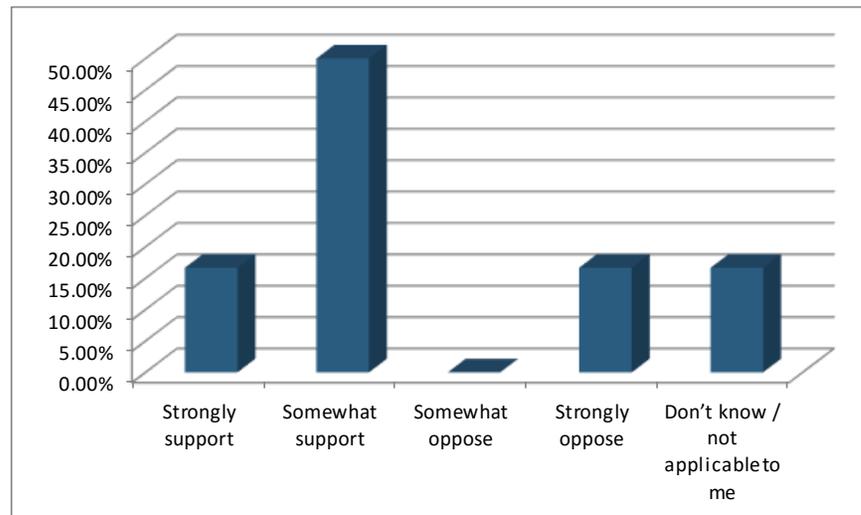
**27. FEEDBACK 27 –Would your community support PAYT-type rate incentives for trash bundled with recycling options? (vote for “level” too) (Multiple Choice)**

	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>



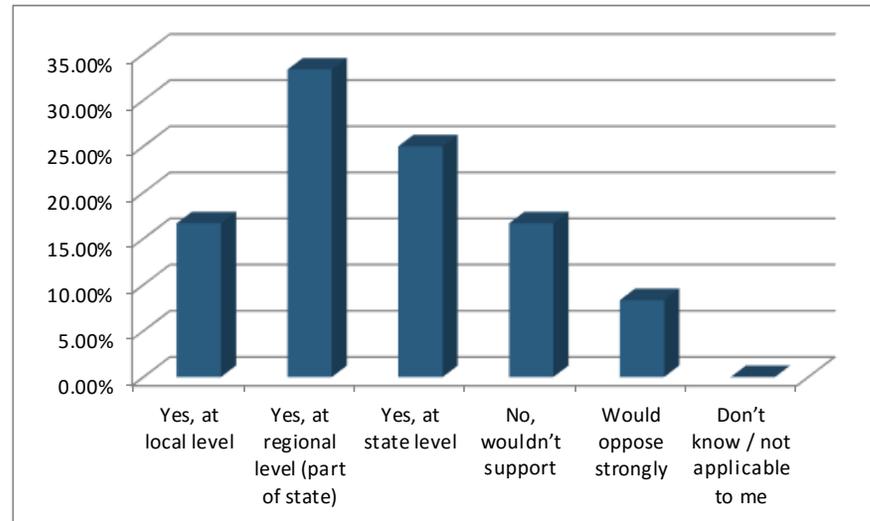
**28. FEEDBACK 28 – Thinking about feasible recycling options in your area... Would you support consideration of Hub and Spoke in this area? (Multiple Choice)**

	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>



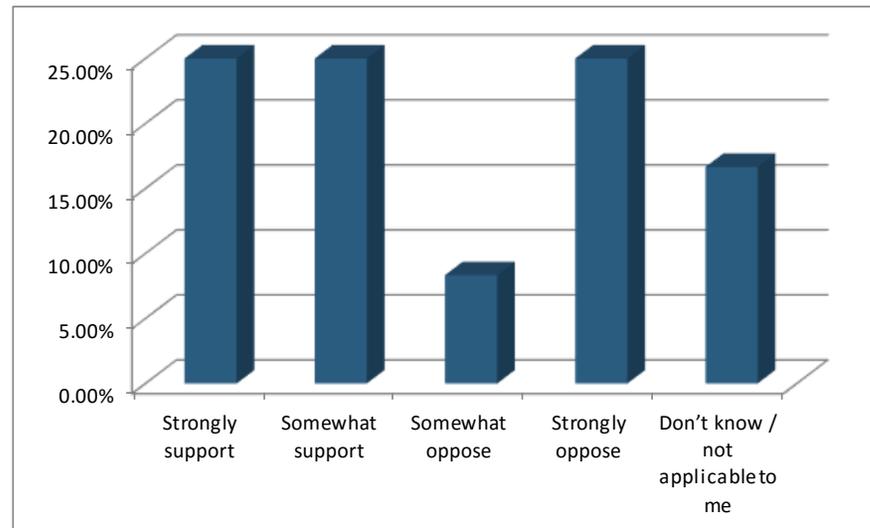
**29. FEEDBACK 29 –Would you support a “trash tax” or “generator fee” to help support solid waste management planning? (Multiple Choice)**

	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>



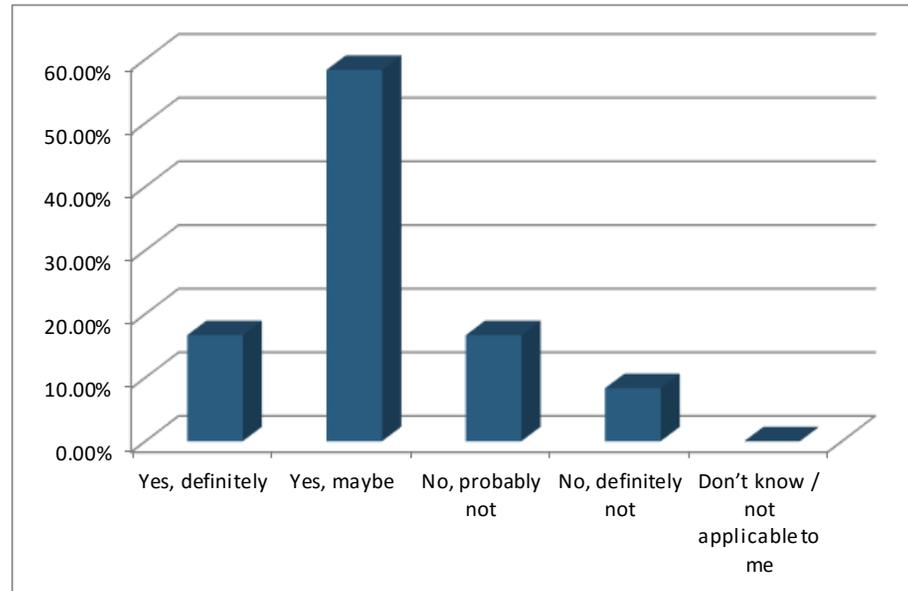
**30. FEEDBACK 30 – Do you think WTE or similar technologies would be supported in this area? (Multiple Choice)**

	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 Alamosa 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?

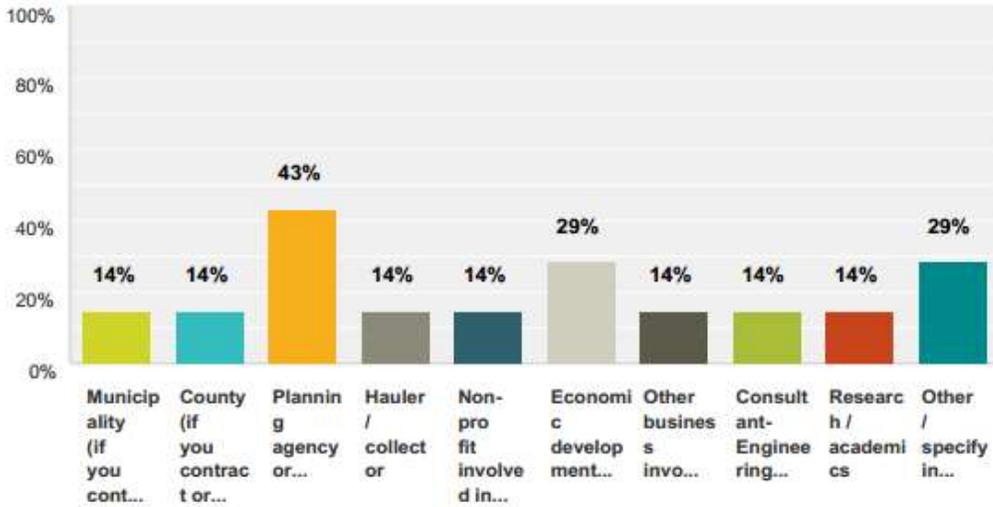
Answered: 3 Skipped: 4

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

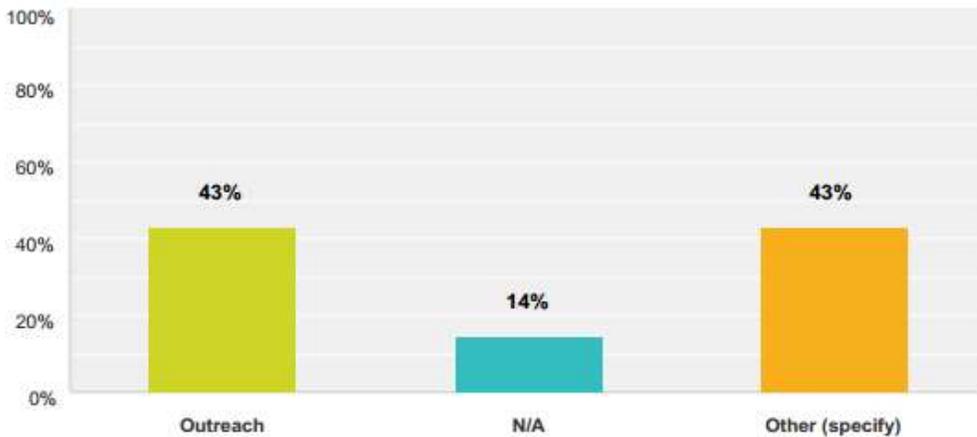
**Q4 Which of the following best describes your (or your company's) role in solid waste (check all that apply):**

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 watershed 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 / Cities Name(s).	71.43%	5
County - Please list County Name.	85.71%	6
Watershed / 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

	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

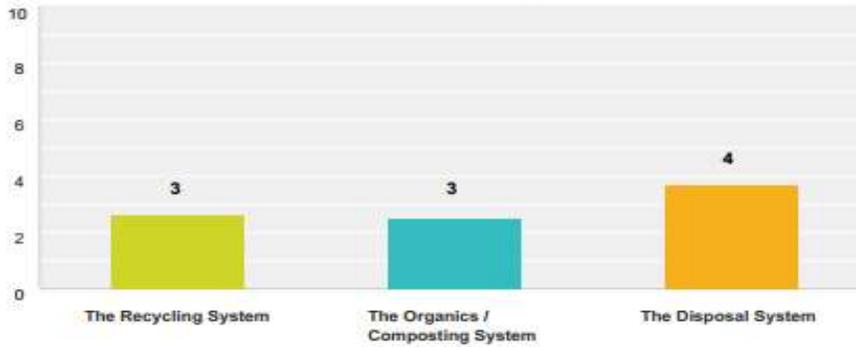
### Q11 If known, please list your area's...

Answered: 3 Skipped: 4

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

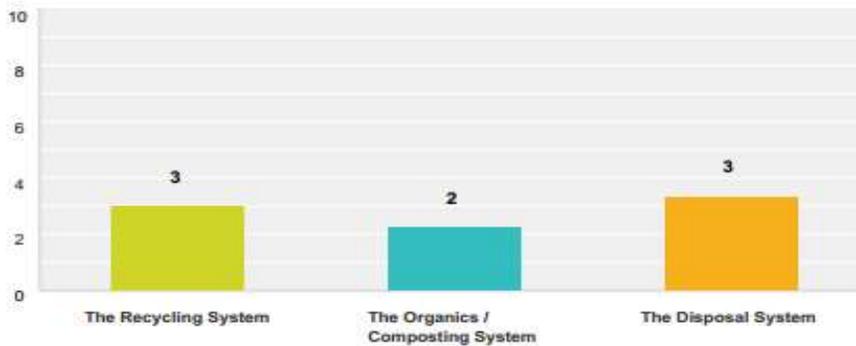
**Q12 How well do you think each of the following is working in your area? (1= not well; 5= very well)**

Answered: 6 Skipped: 1



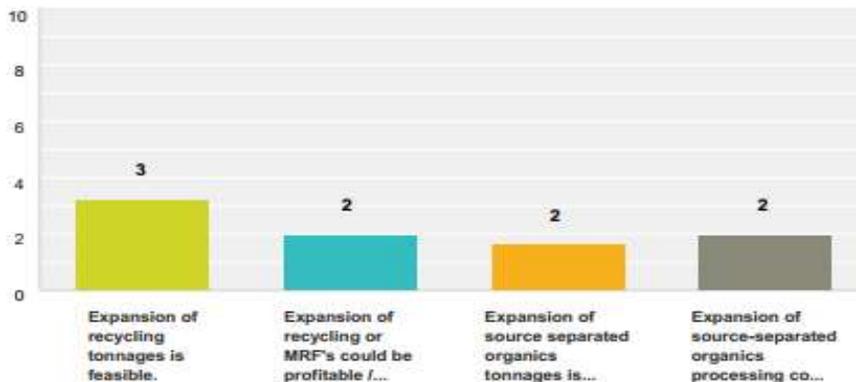
**Q13 How satisfied are you with each of the following in your area? (1= not at all; 5= very satisfied)**

Answered: 5 Skipped: 1

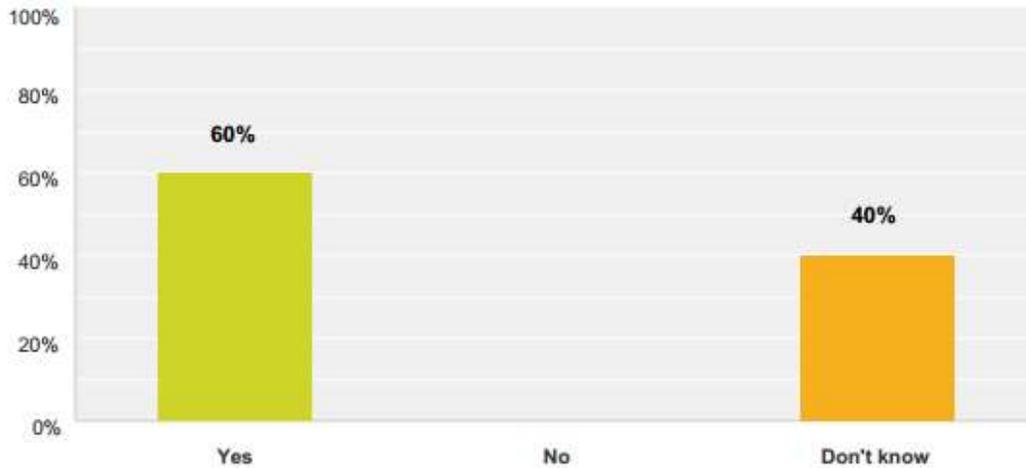


**Q14 Please rank the following for your area; 1=Disagree strongly; 5=Agree strongly**

Answered: 5 Skipped: 2

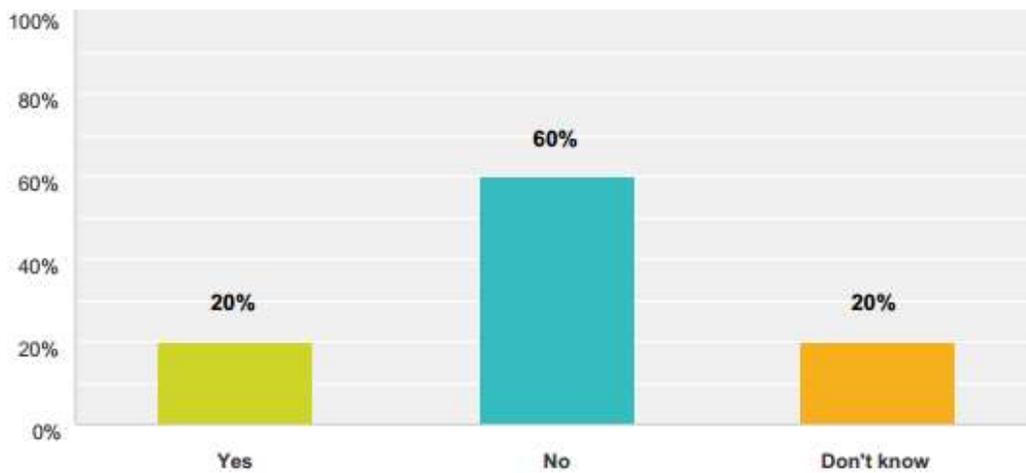


### Q15 Have you ever considered Hub & Spoke?



### 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

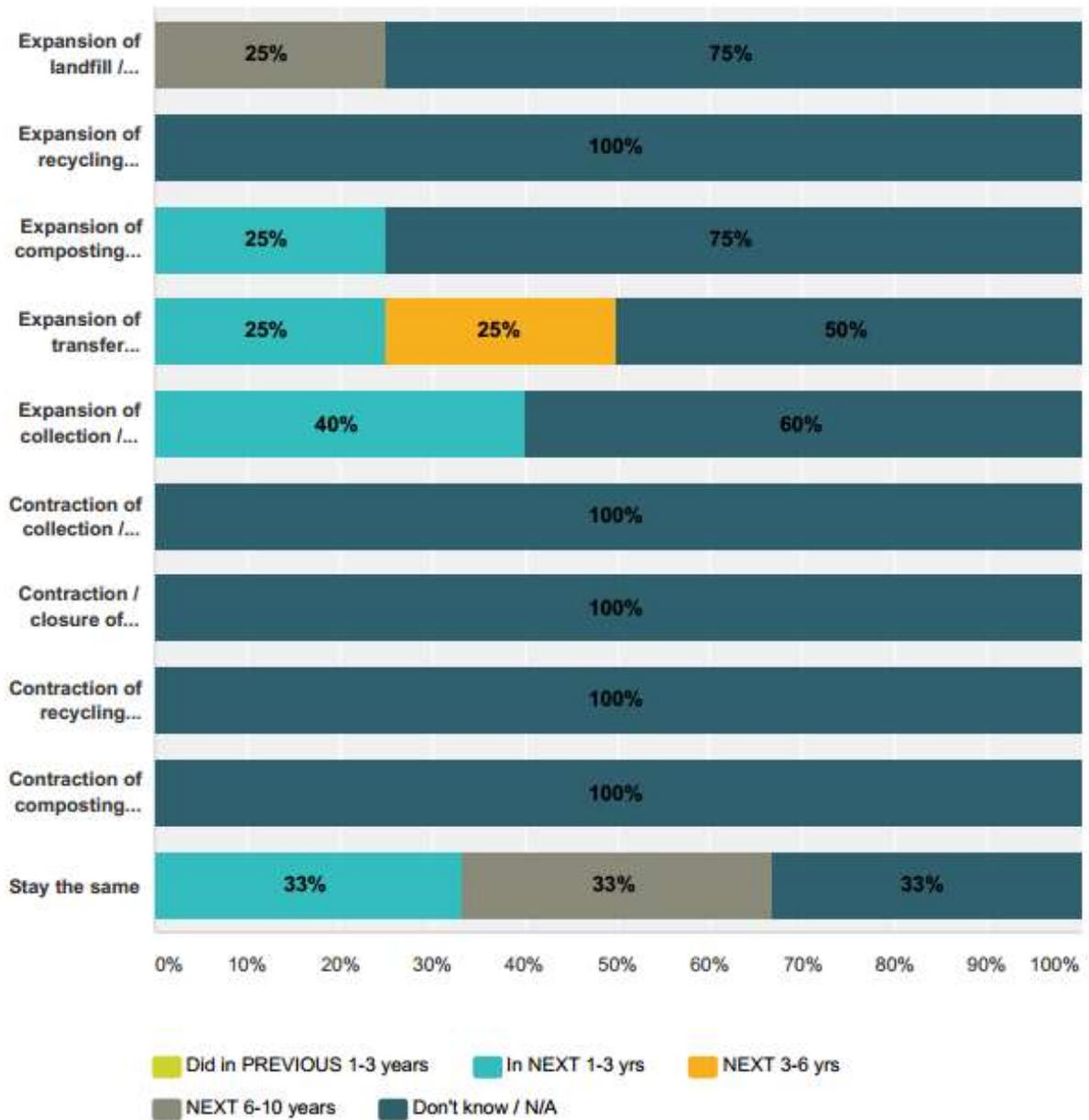
### Q31 Do you believe that any of the following “higher level” policies would / might be effective at changing the structure of solid waste practices in a way that increases diversion or the economics of the system?

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 Integrated Solid Waste Material Management

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

#### Alamosa

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?*
  - I believe that the cost to operate any of these facilities in the region is hard to do because the cost of operation. It cost money to be in compliance on any of these operations let alone to find the money to start one up or keep it going. Then there is the fee to the user to be able to use a facility. One of the concerns is the income per capita in the region which is entirely different than the rest of the state. We have three landfills in the area which I think works good with the hub and spoke aspect. It would be nice to set up more collection sites or transfer stations to help the current system work better but once again there is the cost of operation and fees to the user. Also there is the learning curve for this type of operation rather than to burn or dump your waste somewhere not monitored. It would help if law enforcement would work to curve the illegal dumping in many areas.
  - Transportation costs for recycling hinder profitability since those materials need to be hauled further to market. Also, small communities in the SLV do not have recycling centers for similar reasons. The landfill is currently the most efficient means to dispose of waste. Also, rural communities lack the resources to haul recyclables to the center in Alamosa. Costs of electronic recycling is too high and many residents refuse to pay for this service.
  - It is not profitable to individuals to recycle materials or compost yard waste, so most of it is disposed of in the landfill or dumped illegally.
  
2. *Within the region, what would be most beneficial to improve solid waste management services that are protective of human health and the environment?*
  - Studies would need to be conducted.
  - There needs to be investment in infrastructure, buy in from local leaders, and it needs to be subsidized for a time to ensure capacity is built.
  - Have the recycling performed at the landfill.
  - Subsidies for recycling. Incentives for businesses, such as reduced landfill fees when materials are recycled. Curbside recycling.
  - Do not close rural landfills
  - Once again I think more and better collection sites or transfer stations would help with in the region to improve solid waste management. Also education on the

proper methods of waste disposal and the hazards of not doing it right. It needs to be done for a substantial period of time to change the current culture of waste disposal. And I still say the amount of liquid money to be able to afford such a service is not prevalent in a lot of the area. Once again this is still rural America in the areas we are talking about. It's not the wild west but close.

- Financial incentives
- Collaborate, buy into the idea, and make a commitment to work together to make this happen
- Subsidies. Statewide recycling infrastructure. Regionalization of recycling/solid waste facilities. Outreach and education.
- training, enforce laws for dumping,

# APPENDIX D

## CDPH&E Integrated Solid Waste Material Management

### TABLE GROUPS WORK SESSION: NOTES

#### **Alamosa**

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

- For people who pay- it works well.

##### *Missing / changed:*

- More service, more affordable service,
- More transfer stations,
- Transfer station open more often,
- Private or county, local landfill, annual/semiannual clean-up days.

##### *Resources/Successes in your area:*

- Cleanup of some dump sites.

##### *Opportunity sharing resources:*

- SLV Ecosystem USDA Recycling Group,
- Waste tire inspection grant.

##### *Ideas for near / long term:*

- More transfer stations,
- Education/outreach.

##### *Funding ideas:*

- Hunting License,
- taxes,
- grants (matching?).

##### *Not needed:*

- EPA Mandates,
- Hub and spoke does not work in Costilla County.

##### *Roles / Who's Needed:*

- Regional Group to address problems,
- Folks with solid waste grants work together.