

CDPH&E Durango Stakeholder Meeting



Date: January 25, 2016; 8:30am – 1pm

Location: Durango Public Library

Number Attending: 15; no representatives from CDPH&E, and 2 representatives from Skumatz Economic Research Associates, Inc. (SERA); Facilitated by Lisa Skumatz, SERA.

Communities Represented: Counties of La Plata and Montezuma, Cities of Durango and Cortez, and the Southwest Colorado Region

Sectors Represented: Landfill owner / operators, City / County SW Staff; Elected officials, Recycling Business and Non-Profit Representatives, County Solid Waste Planner, Regulators and Regional Council of Government Representatives

Overview: Due to geography, this area identifies more with Northern New Mexico than the Denver Region. The most accessible areas for recycled materials are Albuquerque and Salt Lake City. Some feel the issue with paying for recycling is that if residents already make the effort to recycling and take the material to a drop-off, they shouldn't have to pay on top of that. They were interested in coming up with viable solutions for recycling, but that they had more difficulties than other areas in the state and didn't feel they had good local options.

Voting Overview: When asked about the current state of their disposal system, on a scale of 1-5 with 5= working very well, the weighted average was 3.7, so working a little better than ok. For their diversion program, more than not felt it was not working well, with a weighted average of 2.5. For what recycling programs might have potential in their area, residential seemed more promising than commercial, but education was still seen as having the highest potential.

Overall Meeting Impressions and Takeaway Notes: DURANGO

- The waste shed on the map is not necessarily how they define their area.
- The South West Council of Governments is made up of five counties that they consider their region.
- They are hemmed in by mountains and associate more with New Mexico than Denver area.
- For materials, closest is Albuquerque, then Salt Lake City, then Denver.

1 Skumatz Economic Research Associates, Inc (SERA)

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CDPH&E ISWMM Plan Meetings

- Trying to get materials to Denver is even worse in the winter due to ice and mountain passes
- Hub and Spoke might be a good idea
- Suggested blended cost model
- Recycling should be free if people go through the effort of separating it.
- Cortez is very different from Durango
- Grease is a big deal in Montezuma, not as much in La Plata County
- How does state define grease, is it considered in compost?
- They are at about 13% recycling, 20-25% would be a big jump.
- Make compost easier by making permitting easier

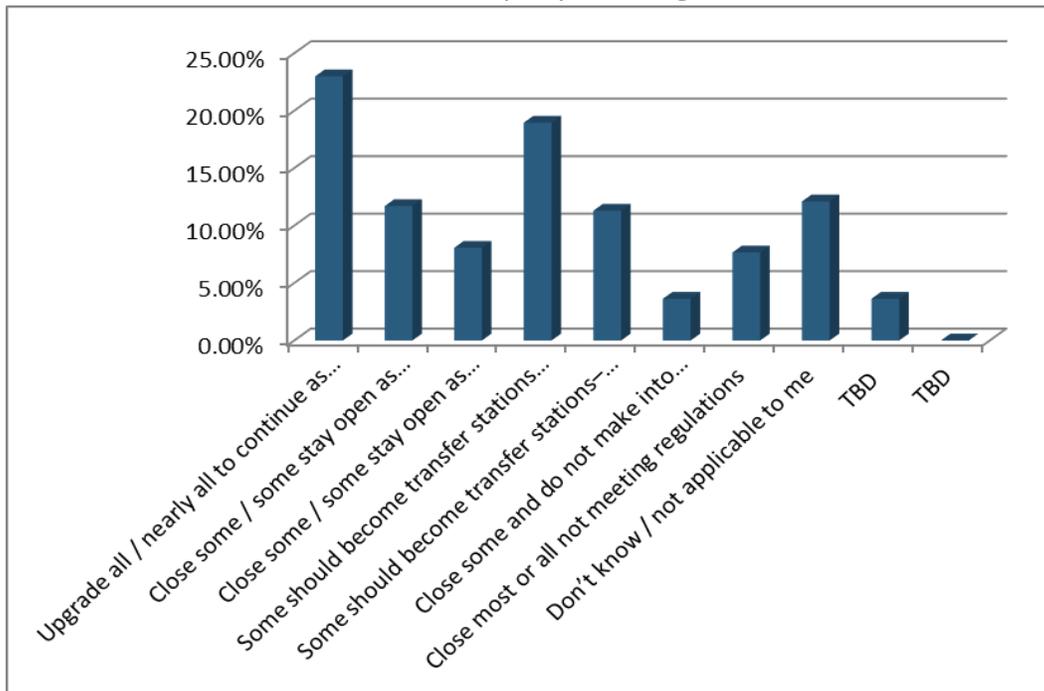
Select Voting Results

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

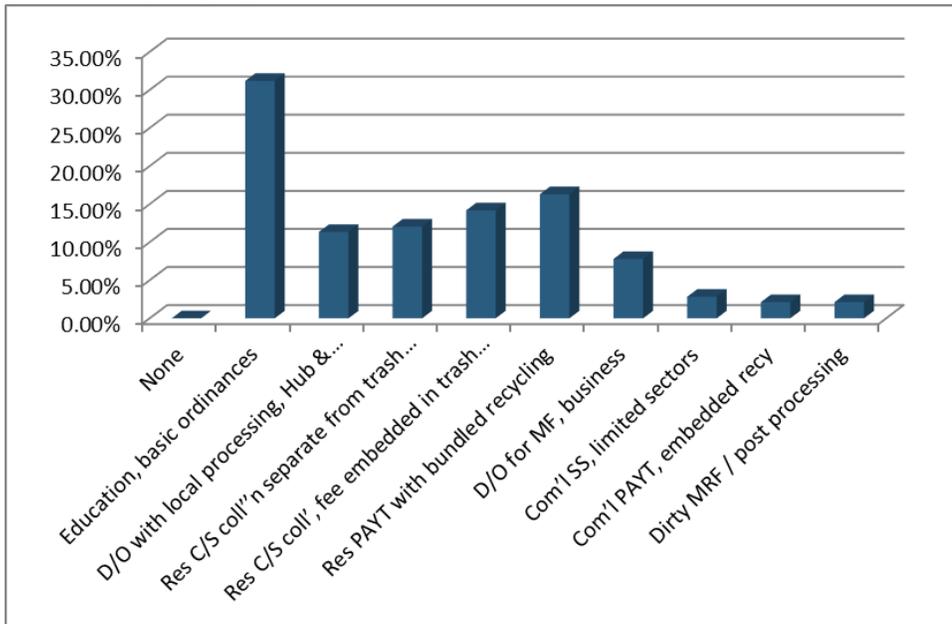
	Average score (1=not well at all; 5=working very well considering our area)	Percent responding don't know.
Disposal System	3.7	7%
Recycling / Composting system	2.5	0%

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?



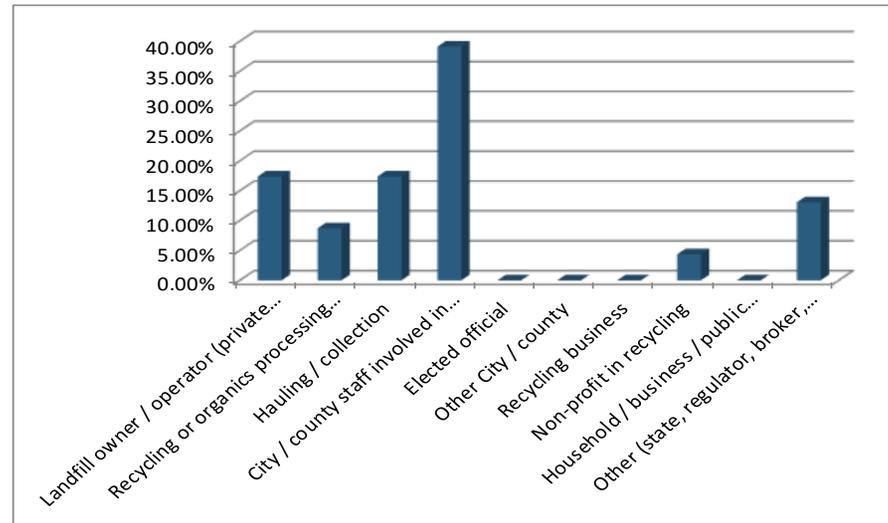
Appendix A provides the results of each of the “voting” questions posed during the stakeholder meeting. Pre-meeting survey results are included in Appendix B.

APPENDIX A – CDPH&E Materials Management Stakeholders Meeting

DURANGO Voting Results

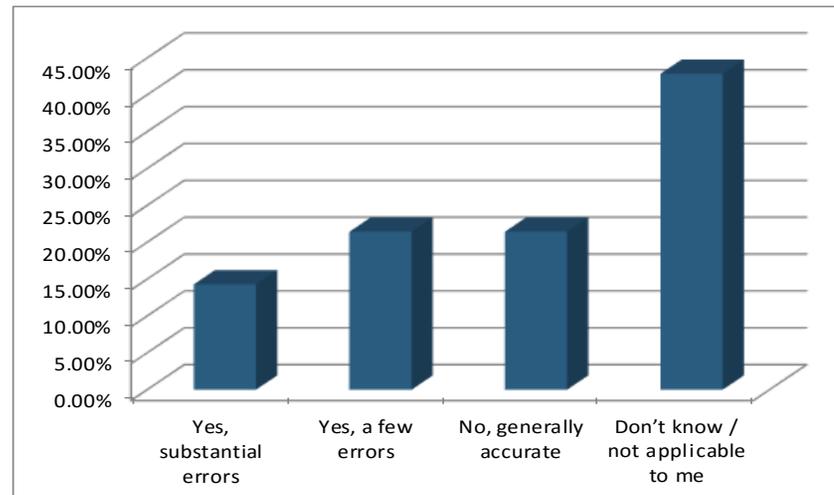
1. FEEDBACK 1 – Who is in the room? –Your PRIMARY SW responsibilities... (up to 2) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Landfill owner / operator (private or city/county)	17.39%	4
Recycling or organics processing facility owner /operator	8.70%	2
Hauling / collection	17.39%	4
City / county staff involved in recycling / planning	39.13%	9
Elected official	0.00%	0
Other City / county	0.00%	0
Recycling business	0.00%	0
Non-profit in recycling	4.35%	1
Household / business / public "generator"	0.00%	0
Other (state, regulator, broker, clerks, consultant, other)	13.04%	3
Totals	100%	23



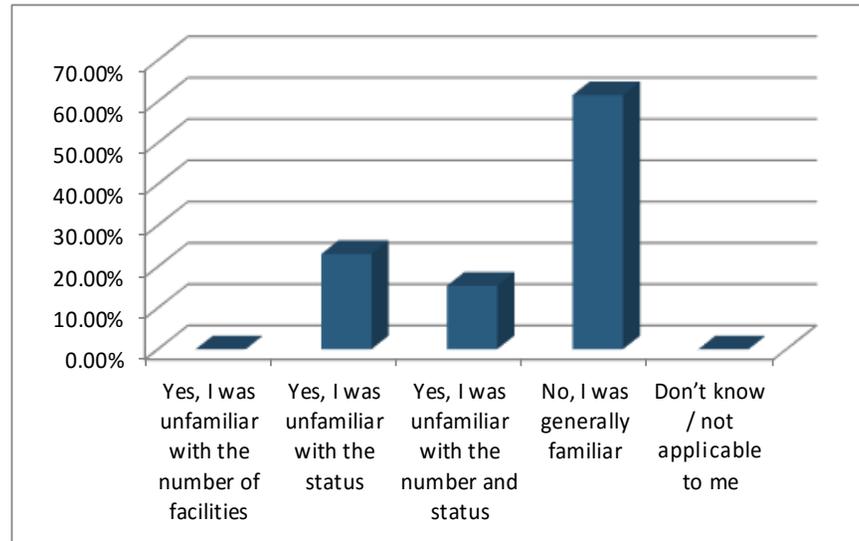
2. FEEDBACK 2 – Looking at LF MAP... Do you think the information on the map has errors? Correct errors in map at table / leave it behind with notes (Multiple Choice)

	Responses	
	Percent	Count
Yes, substantial errors	14.29%	2
Yes, a few errors	21.43%	3
No, generally accurate	21.43%	3
Don't know / not applicable to me	42.86%	6
Totals	100%	14



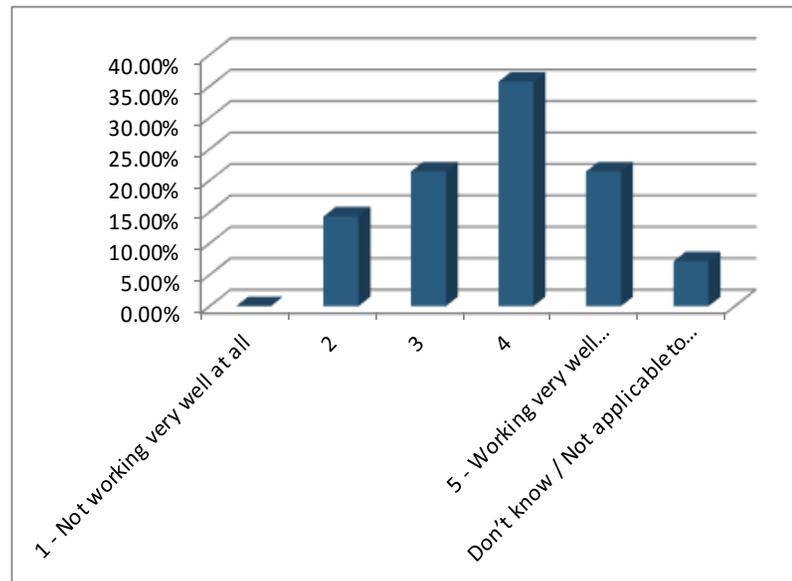
3. FEEDBACK 3 – Looking at LF MAP... Was the content of the LF map news to you / a surprise? (Multiple Choice)

	Responses	
	Percent	Count
Yes, I was unfamiliar with the number of facilities	0.00%	0
Yes, I was unfamiliar with the status	23.08%	3
Yes, I was unfamiliar with the number and status	15.38%	2
No, I was generally familiar	61.54%	8
Don't know / not applicable to me	0.00%	0
Totals	100%	13



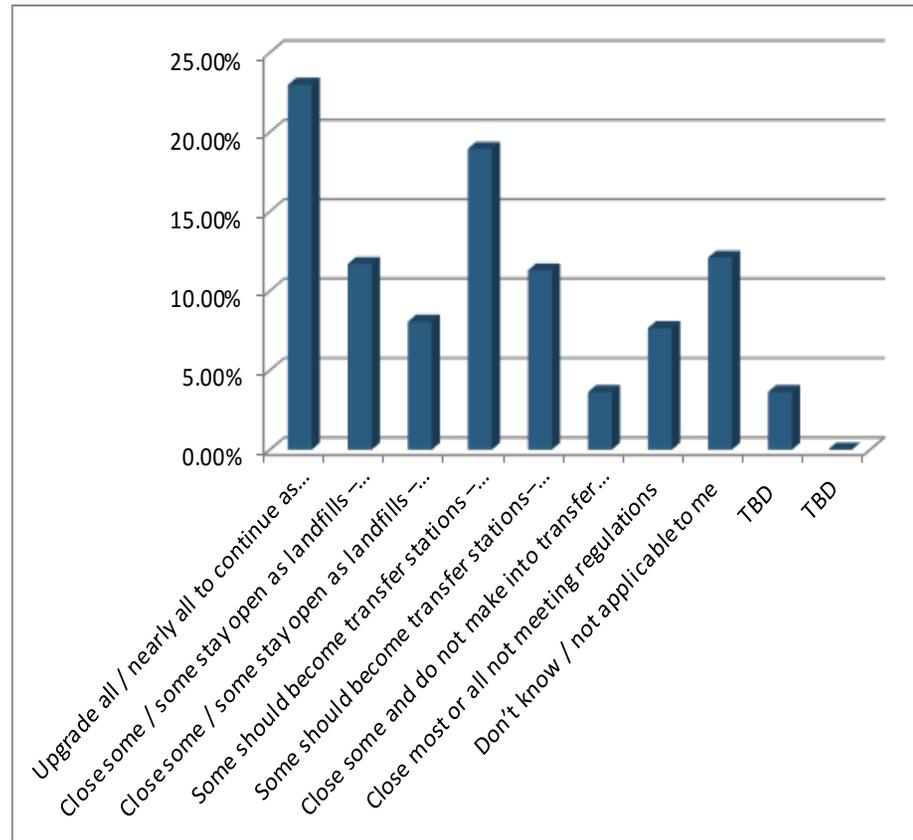
4. FEEDBACK 4 – Looking at LF map... How well is the current disposal system working? (Multiple Choice)

	Responses	
	Percent	Count
1 - Not working very well at all	0.00%	0
2	14.29%	2
3	21.43%	3
4	35.71%	5
5 - Working very well considering our local situation	21.43%	3
Don't know / Not applicable to me	7.14%	1
Totals	100%	14



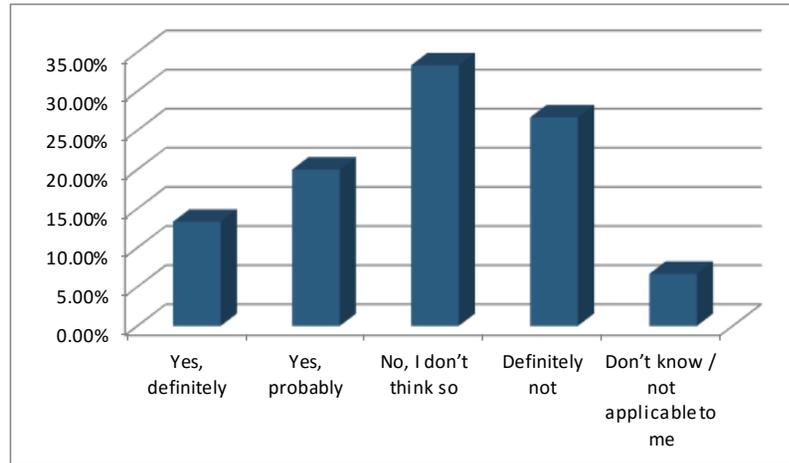
5. FEEDBACK 5 – Thinking about the landfills in your area... Should small landfills not in full adequacy with regulations be closed or retrofitted? (Up to 2 in order) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Upgrade all / nearly all to continue as operating landfills	22.98%	57
Close some / some stay open as landfills – choose which based mostly on location / convenience / access	11.69%	29
Close some / some stay open as landfills – choose which based mostly on cost	8.06%	20
Some should become transfer stations – choose which based mostly on location / convenience / access	18.95%	47
Some should become transfer stations– choose which based mostly on cost	11.29%	28
Close some and do not make into transfer stations	3.63%	9
Close most or all not meeting regulations	7.66%	19
Don't know / not applicable to me	12.10%	30
TBD	3.63%	9
TBD	0.00%	0
Totals	100%	248



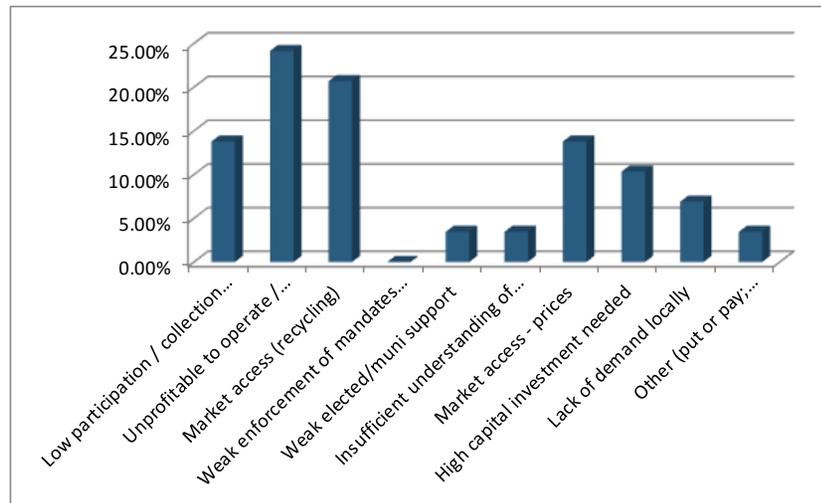
6. FEEDBACK 6 – Thinking about the landfills in your area... Would regionalization of landfilling make sense in your area? (Multiple Choice)

	Responses	
	Percent	Count
Yes, definitely	13.33%	2
Yes, probably	20.00%	3
No, I don't think so	33.33%	5
Definitely not	26.67%	4
Don't know / not applicable to me	6.67%	1
Totals	100%	15



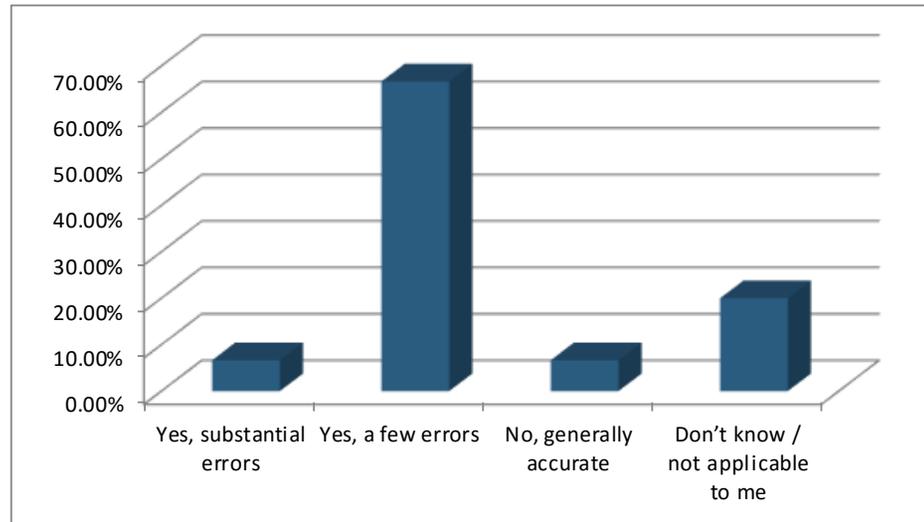
7. FEEDBACK 7 – Barriers to more recycling / composting (2 most important) Other barriers – write in your “leave-behind” notebook (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Low participation / collection program weaknesses/lack of supply	13.79%	4
Unprofitable to operate / economics	24.14%	7
Market access (recycling)	20.69%	6
Weak enforcement of mandates / regulations	0.00%	0
Weak elected/muni support	3.45%	1
Insufficient understanding of technology (compost)	3.45%	1
Market access - prices	13.79%	4
High capital investment needed	10.34%	3
Lack of demand locally	6.90%	2
Other (put or pay; contamination, permit issues, other)	3.45%	1
Totals	100%	29



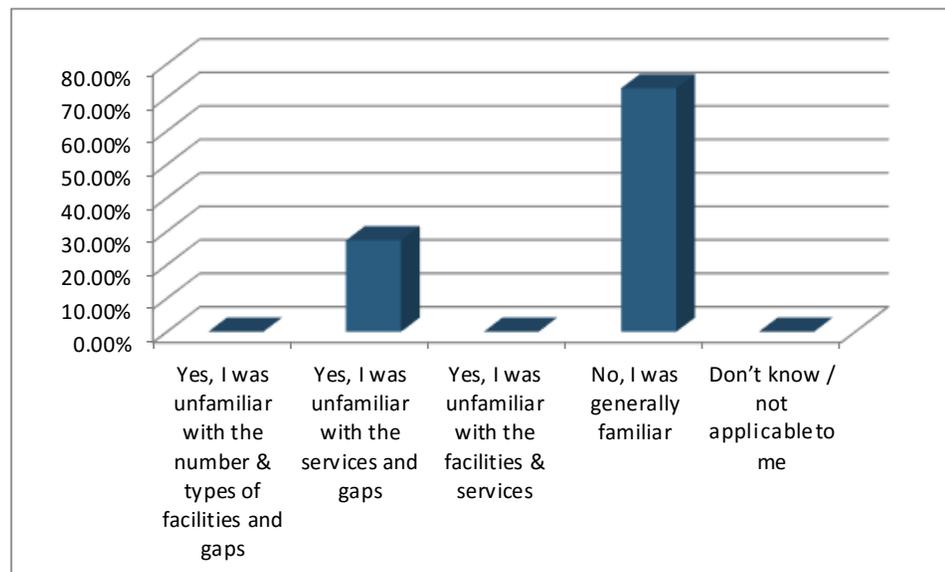
8. FEEDBACK 8 – Looking at all facilities map ... Do you think the DIVERSION information on the map has errors? (Multiple Choice)

	Responses	
	Percent	Count
Yes, substantial errors	6.67%	1
Yes, a few errors	66.67%	10
No, generally accurate	6.67%	1
Don't know / not applicable to me	20.00%	3
Totals	100%	15



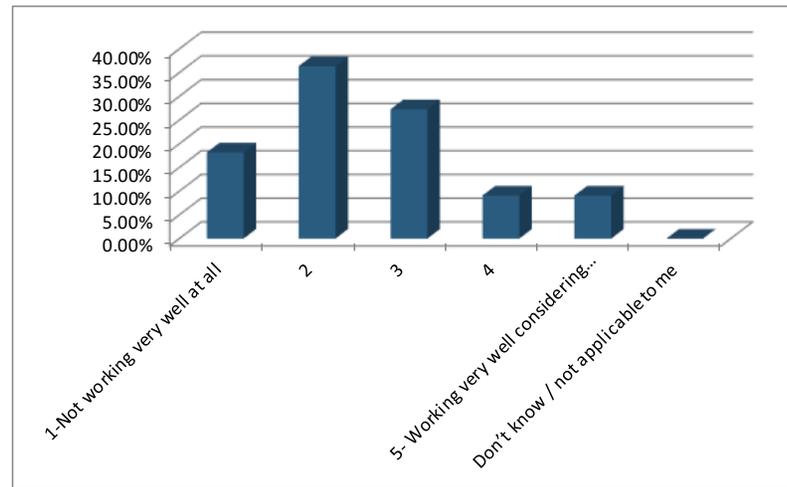
9. FEEDBACK 9 – Looking at all facilities map - Was the content of the DIVERSION information news to you / a surprise? (Multiple Choice)

	Responses	
	Percent	Count
Yes, I was unfamiliar with the number & types of facilities and gaps	0.00%	0
Yes, I was unfamiliar with the services and gaps	27.27%	3
Yes, I was unfamiliar with the facilities & services	0.00%	0
No, I was generally familiar	72.73%	8
Don't know / not applicable to me	0.00%	0
Totals	100%	11



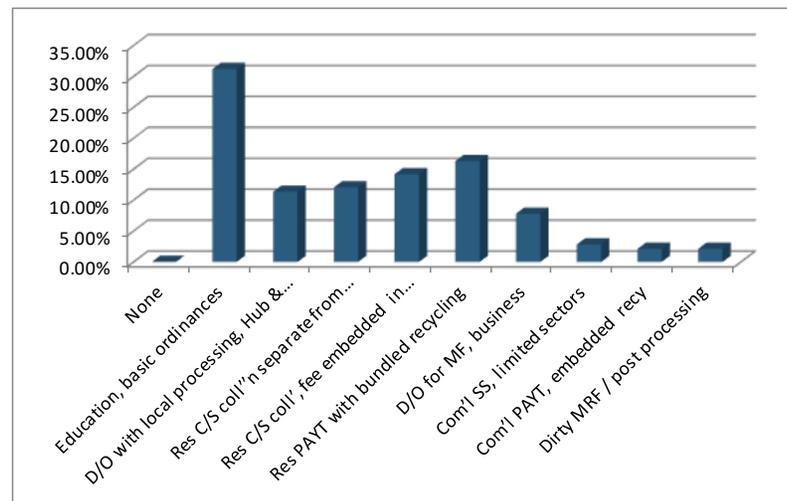
10. FEEDBACK 10 – Looking at all facilities map... How well is the current diversion system working? (Multiple Choice)

Responses		
	Percent	Count
1-Not working very well at all	18.18%	2
2	36.36%	4
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	0.00%	0
Totals	100%	11



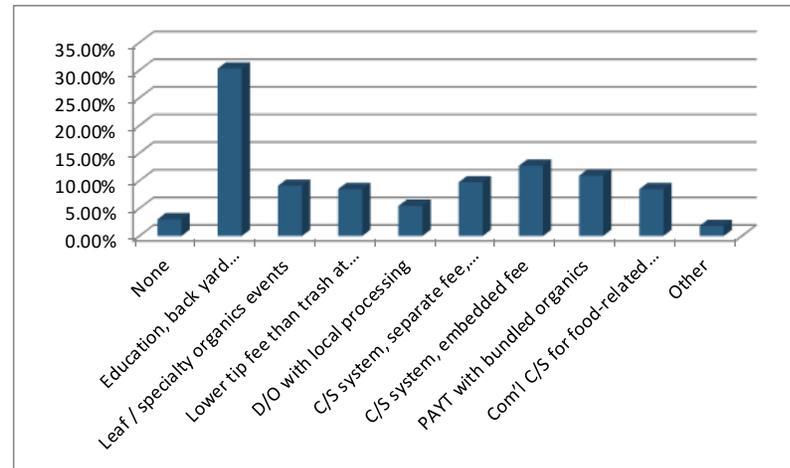
11. FEEDBACK 11a: Which 3 Recy Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)

Responses		
	Percent	Weighted Count
None	0.00%	0
Education, basic ordinances	31.21%	44
D/O with local processing, Hub & Spoke	11.35%	16
Res C/S coll'n separate from trash (for a fee; voluntary)	12.06%	17
Res C/S coll', fee embedded in trash bill	14.18%	20
Res PAYT with bundled recycling	16.31%	23
D/O for MF, business	7.80%	11
Com'l SS, limited sectors	2.84%	4
Com'l PAYT, embedded recy	2.13%	3
Dirty MRF / post processing	2.13%	3
Totals	100%	141



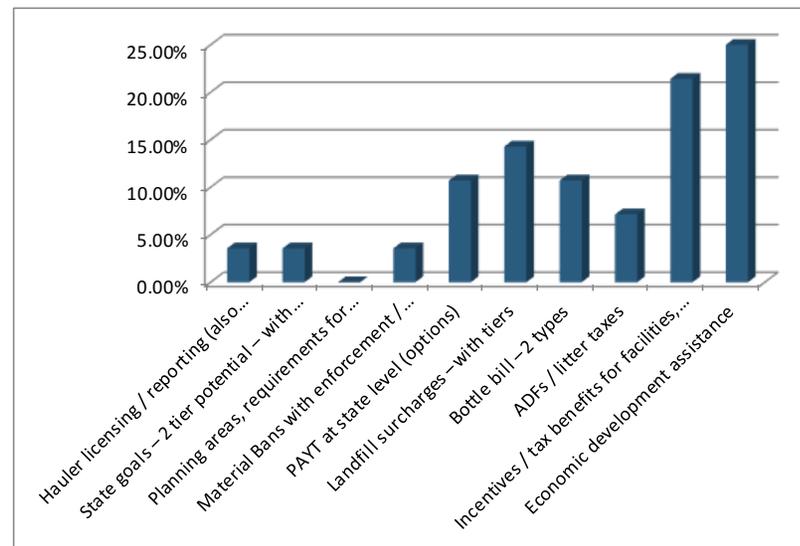
12. FEEDBACK 12a: Which 3 Organics Options Have Potential In Your Area? (mark 3 in order – most to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
None	3.03%	5
Education, back yard composting (BYC)	30.30%	50
Leaf / specialty organics events	9.09%	15
Lower tip fee than trash at facility	8.48%	14
D/O with local processing	5.45%	9
C/S system, separate fee, voluntary	9.70%	16
C/S system, embedded fee	12.73%	21
PAYT with bundled organics	10.91%	18
Com'l C/S for food-related businesses	8.48%	14
Other	1.82%	3
Totals	100%	165



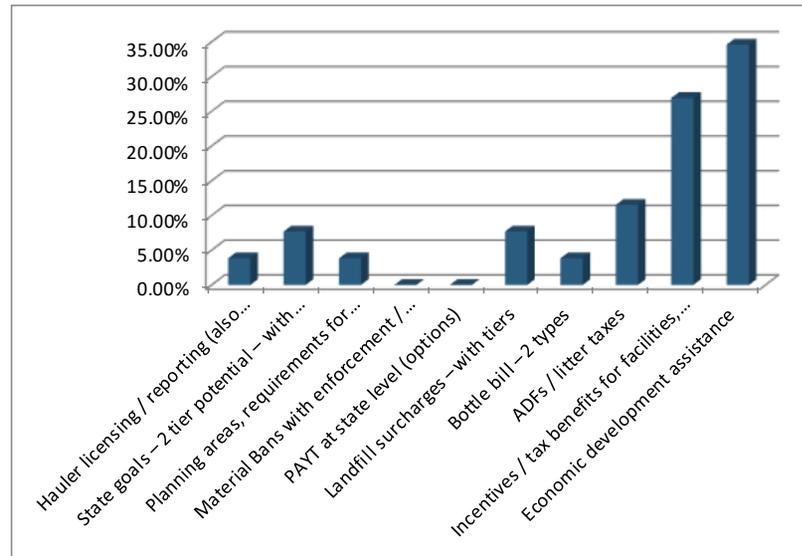
13. FEEDBACK 13r – Best suited to WORK for your area – Diversion (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Hauler licensing / reporting (also facility licensing)	3.57%	1
State goals – 2 tier potential – with measurement	3.57%	1
Planning areas, requirements for plans with authorization for funding; enforcement & Material Bans with enforcement / inspection	0.00%	0
PAYT at state level (options)	10.71%	3
Landfill surcharges – with tiers	14.29%	4
Bottle bill – 2 types	10.71%	3
ADFs / litter taxes	7.14%	2
Incentives / tax benefits for facilities, for co-location	21.43%	6
Economic development assistance	25.00%	7
Totals	100%	28



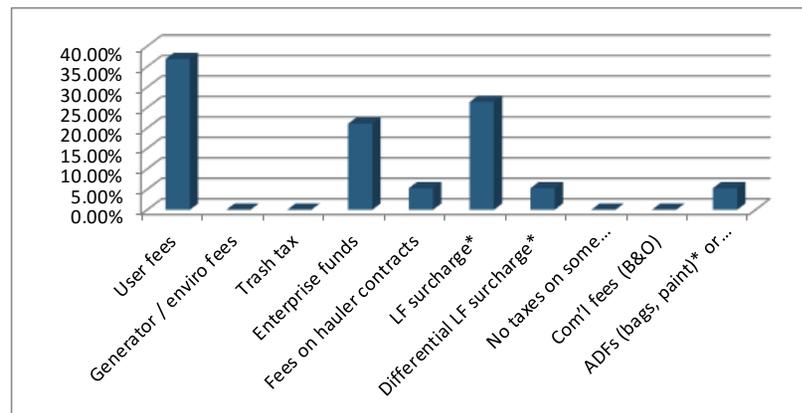
14. FEEDBACK 14r– Most likely to get SUPPORT in your area – (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Hauler licensing / reporting (also facility licensing)	3.85%	1
State goals – 2 tier potential – with measurement	7.69%	2
Planning areas, requirements for plans with authorization for funding; enforcement & Material Bans with enforcement / inspection	3.85%	1
PAYT at state level (options)	0.00%	0
Landfill surcharges – with tiers	7.69%	2
Bottle bill – 2 types	3.85%	1
ADFs / litter taxes	11.54%	3
Incentives / tax benefits for facilities, for co-location	26.92%	7
Economic development assistance	34.62%	9
Totals	100%	26



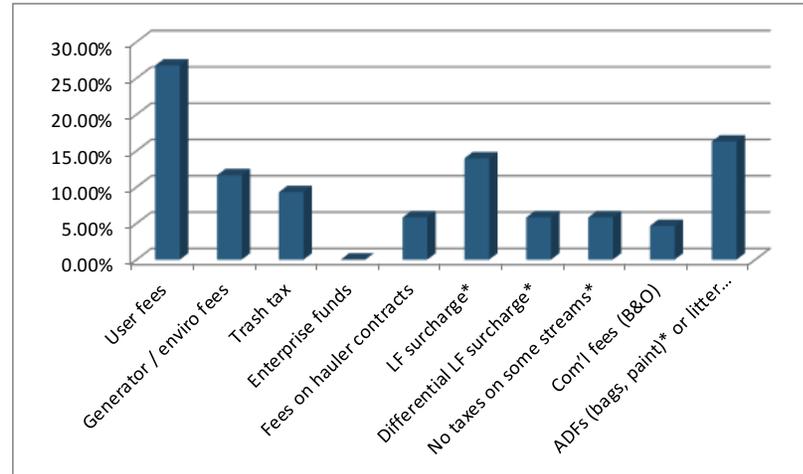
15. FEEDBACK 15r – Funding Options already in place locally (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
User fees	36.84%	7
Generator / enviro fees	0.00%	0
Trash tax	0.00%	0
Enterprise funds	21.05%	4
Fees on hauler contracts	5.26%	1
LF surcharge*	26.32%	5
Differential LF surcharge*	5.26%	1
No taxes on some streams*	0.00%	0
Com'l fees (B&O)	0.00%	0
ADFs (bags, paint)* or litter taxes	5.26%	1
Totals	100%	19



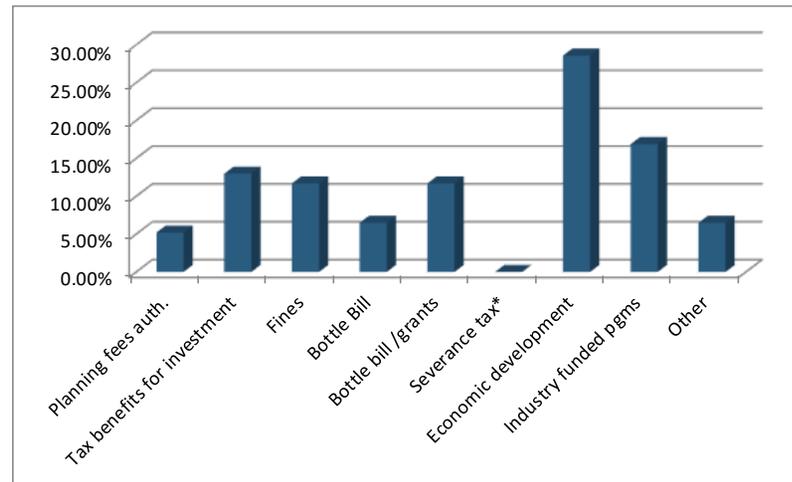
16. FEEDBACK 16r – Most likely “Next” local funding options to get SUPPORT (up to 3 in order of support) (Priority Ranking)

	Responses	
	Percent	Weighted Count
User fees	26.74%	23
Generator / enviro fees	11.63%	10
Trash tax	9.30%	8
Enterprise funds	0.00%	0
Fees on hauler contracts	5.81%	5
LF surcharge*	13.95%	12
Differential LF surcharge*	5.81%	5
No taxes on some streams*	5.81%	5
Com'l fees (B&O)	4.65%	4
ADFs (bags, paint)* or litter taxes	16.28%	14
Totals	100%	86



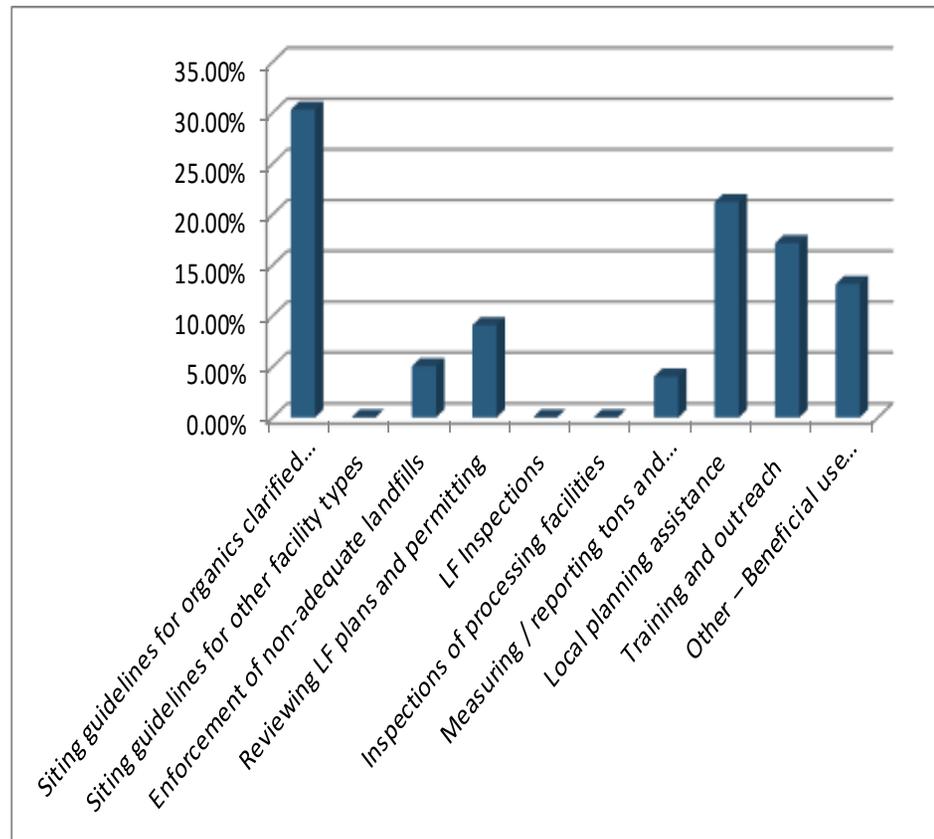
17. FEEDBACK 17r– Other funding options you’d most SUPPORT (up to 3 in order of support) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Planning fees auth.	5.19%	4
Tax benefits for investment	12.99%	10
Fines	11.69%	9
Bottle Bill	6.49%	5
Bottle bill /grants	11.69%	9
Severance tax*	0.00%	0
Economic development	28.57%	22
Industry funded pgms	16.88%	13
Other	6.49%	5
Totals	100%	77



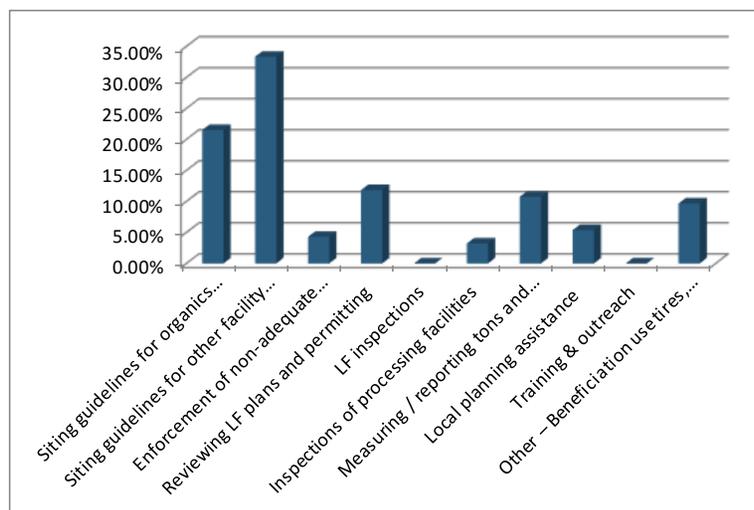
18. FEEDBACK 18 –What are the top 3 things you think the state should do MORE of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	30.30%	30
Siting guidelines for other facility types	0.00%	0
Enforcement of non-adequate landfills	5.05%	5
Reviewing LF plans and permitting	9.09%	9
LF Inspections	0.00%	0
Inspections of processing facilities	0.00%	0
Measuring / reporting tons and activities	4.04%	4
Local planning assistance	21.21%	21
Training and outreach	17.17%	17
Other – Beneficial use permit/oversights, paint, pharma, HHW	13.13%	13
Totals	100%	99



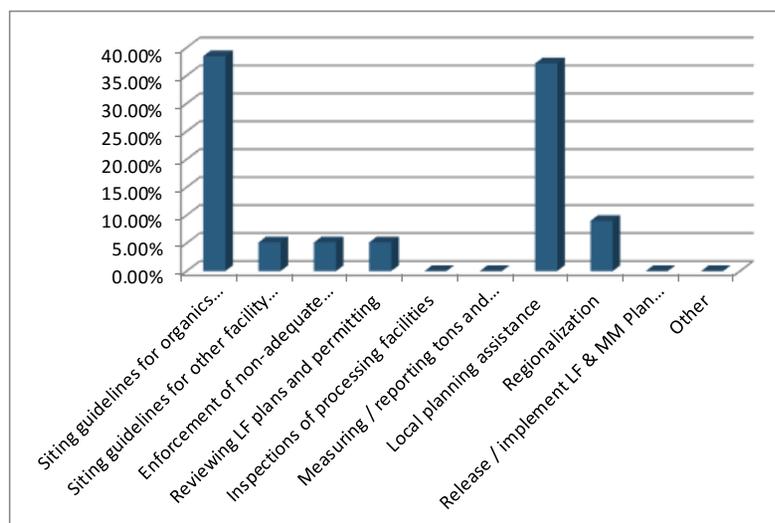
19. FEEDBACK 19 –What are the top 3 things you think the state should do LESS of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	21.51%	20
Siting guidelines for other facility types	33.33%	31
Enforcement of non-adequate landfills	4.30%	4
Reviewing LF plans and permitting	11.83%	11
LF inspections	0.00%	0
Inspections of processing facilities	3.23%	3
Measuring / reporting tons and activities	10.75%	10
Local planning assistance	5.38%	5
Training & outreach	0.00%	0
Other – Beneficiation use tires, paint, pharma, HHW	9.68%	9
Totals	100%	93



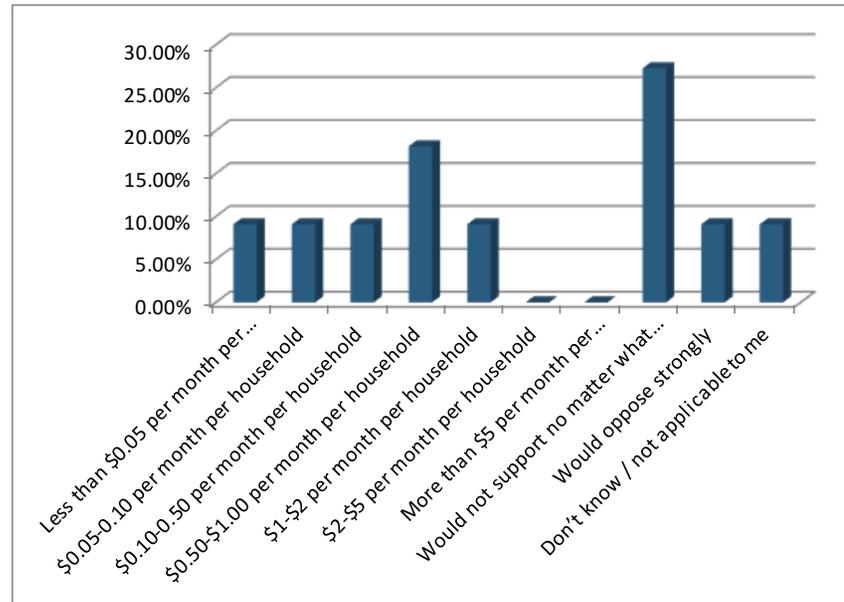
20. FEEDBACK 20 –What are the top 3 things you think the state should do SOON? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	38.46%	30
Siting guidelines for other facility types	5.13%	4
Enforcement of non-adequate landfills	5.13%	4
Reviewing LF plans and permitting	5.13%	4
Inspections of processing facilities	0.00%	0
Measuring / reporting tons and activities	0.00%	0
Local planning assistance	37.18%	29
Regionalization	8.97%	7
Release / implement LF & MM Plan & regs / funding	0.00%	0
Other	0.00%	0
Totals	100%	78



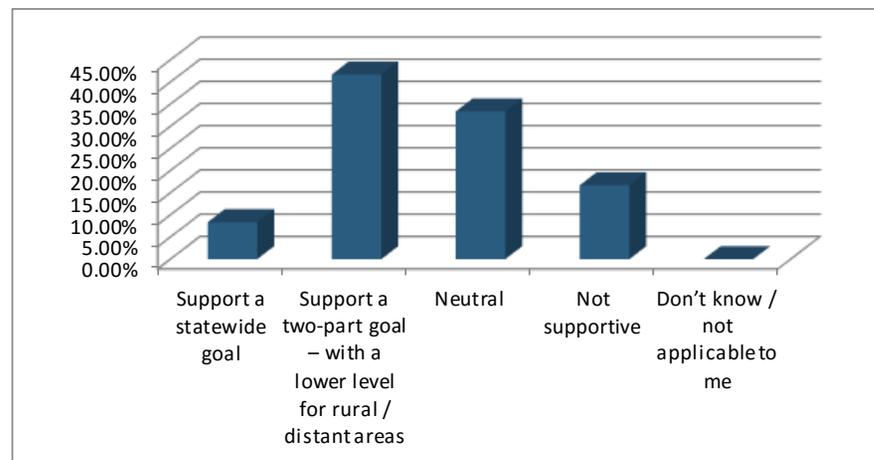
21. FEEDBACK 21 –If a trash tax or “generator fee” were introduced, what dollar amount should it be? (Multiple Choice)

	Responses	
	Percent	Count
Less than \$0.05 per month per household	9.09%	1
\$0.05-0.10 per month per household	9.09%	1
\$0.10-0.50 per month per household	9.09%	1
\$0.50-\$1.00 per month per household	18.18%	2
\$1-\$2 per month per household	9.09%	1
\$2-\$5 per month per household	0.00%	0
More than \$5 per month per household	0.00%	0
Would not support no matter what level	27.27%	3
Would oppose strongly	9.09%	1
Don't know / not applicable to me	9.09%	1
Totals	100%	11



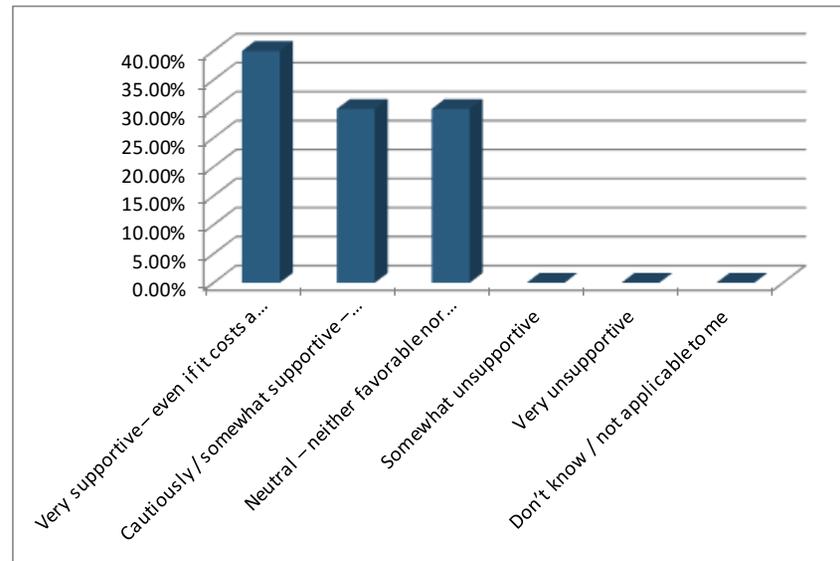
22. FEEDBACK 22 – How supportive are YOU for the State to establish a recycling goal? (Multiple Choice)

	Responses	
	Percent	Count
Support a statewide goal	8.33%	1
Support a two-part goal – with a lower level for rural / distant areas	41.67%	5
Neutral	33.33%	4
Not supportive	16.67%	2
Don't know / not applicable to me	0.00%	0
Totals	100%	12



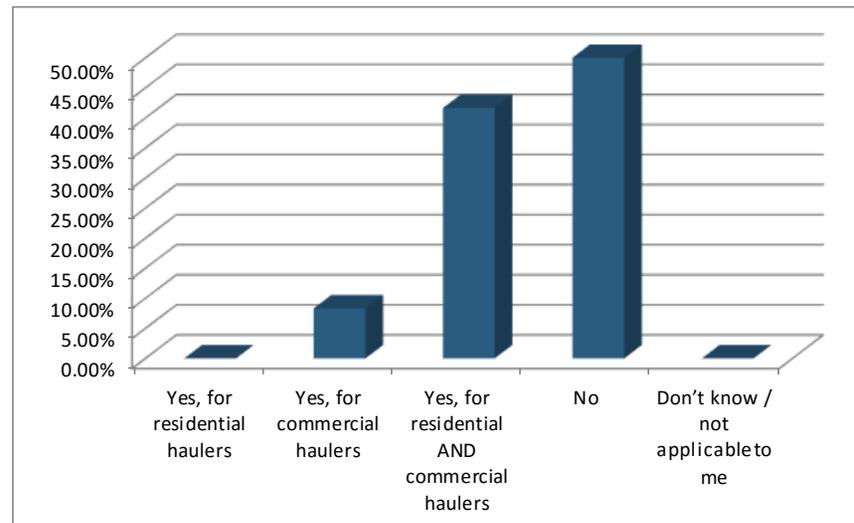
23. FEEDBACK 23 – How supportive are your decision-makers of more recycling in your community – given your local economics? (Multiple Choice)

	Responses	
	Percent	Count
Very supportive – even if it costs a bit more	40.00%	4
Cautiously / somewhat supportive – if it doesn't pencil out too badly	30.00%	3
Neutral – neither favorable nor unfavorable – it is all about the	30.00%	3
Somewhat unsupportive	0.00%	0
Very unsupportive	0.00%	0
Don't know / not applicable to me	0.00%	0
Totals	100%	10



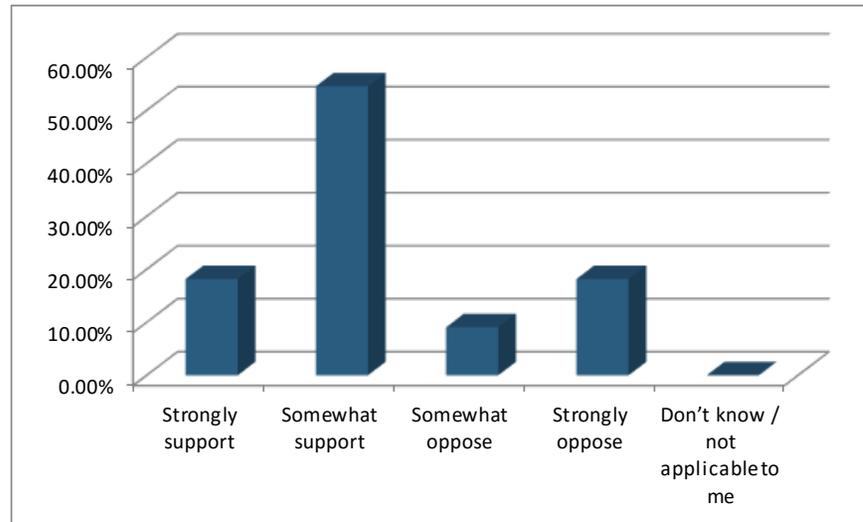
24. FEEDBACK 24 –Would you find it acceptable to have the state license haulers, require tonnage reporting, and report back to you on diversion, and disposed tons? (Multiple Choice)

	Responses	
	Percent	Count
Yes, for residential haulers	0.00%	0
Yes, for commercial haulers	8.33%	1
Yes, for residential AND commercial haulers	41.67%	5
No	50.00%	6
Don't know / not applicable to me	0.00%	0
Totals	100%	12



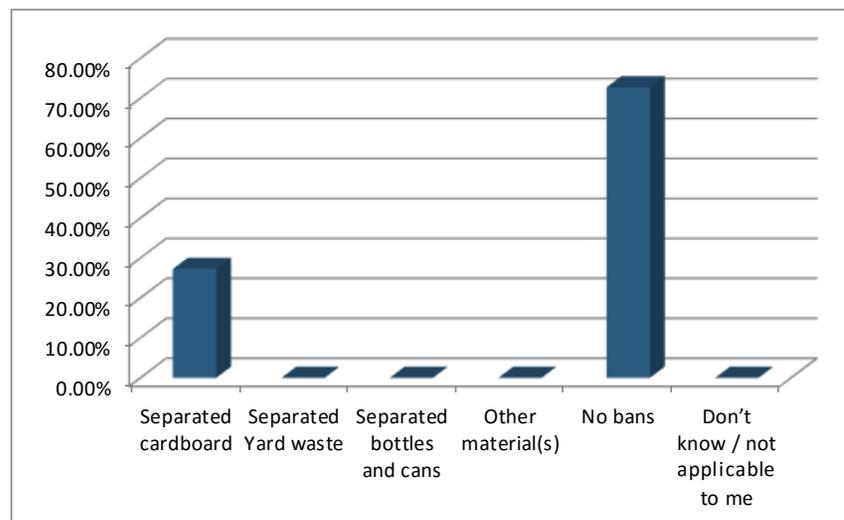
25. FEEDBACK 25 –Do you support the State considering introducing regional planning areas (adjoining counties, wastesheds) for solid waste management planning? (Multiple Choice)

	Responses	
	Percent	Count
Strongly support	18.18%	2
Somewhat support	54.55%	6
Somewhat oppose	9.09%	1
Strongly oppose	18.18%	2
Don't know / not applicable to me	0.00%	0
Totals	100%	11



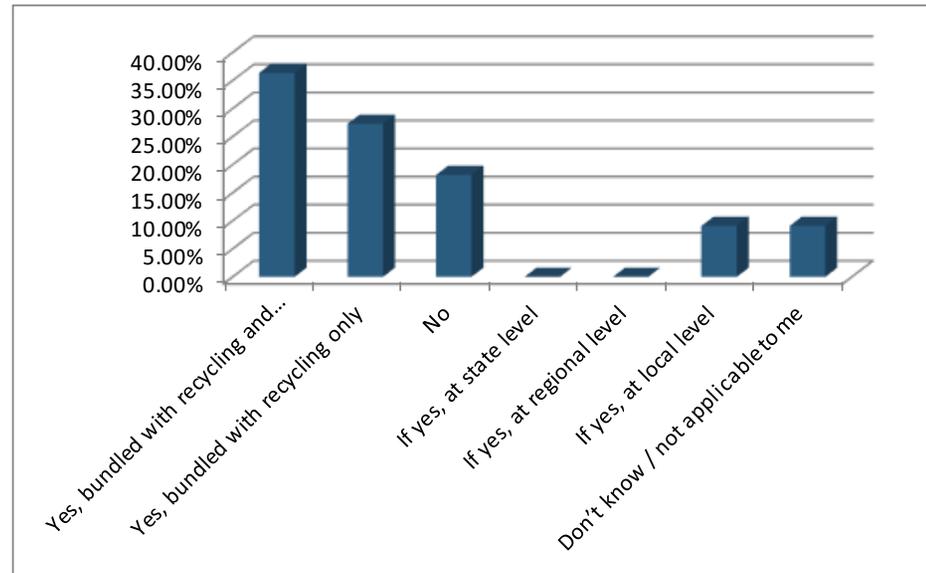
26. FEEDBACK 26 – Should the State consider BANNING any of these materials from disposal? (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Separated cardboard	27.27%	3
Separated Yard waste	0.00%	0
Separated bottles and cans	0.00%	0
Other material(s)	0.00%	0
No bans	72.73%	8
Don't know / not applicable to me	0.00%	0
Totals	100%	11



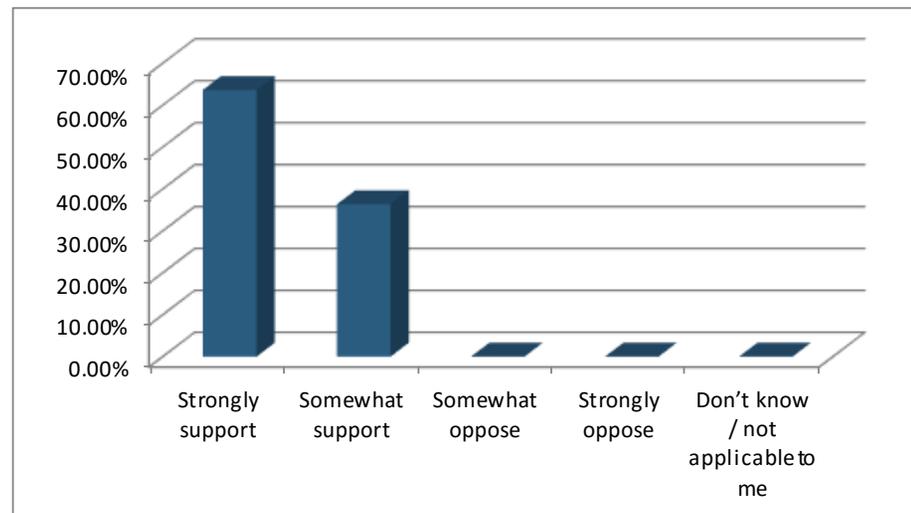
27. FEEDBACK 27 –Would your community support PAYT-type rate incentives for trash bundled with recycling options? (vote for “level” too) (Multiple Choice)

	Responses	
	Percent	Count
Yes, bundled with recycling and organics collection	36.36%	4
Yes, bundled with recycling only	27.27%	3
No	18.18%	2
If yes, at state level	0.00%	0
If yes, at regional level	0.00%	0
If yes, at local level	9.09%	1
Don't know / not applicable to me	9.09%	1
Totals	100%	11



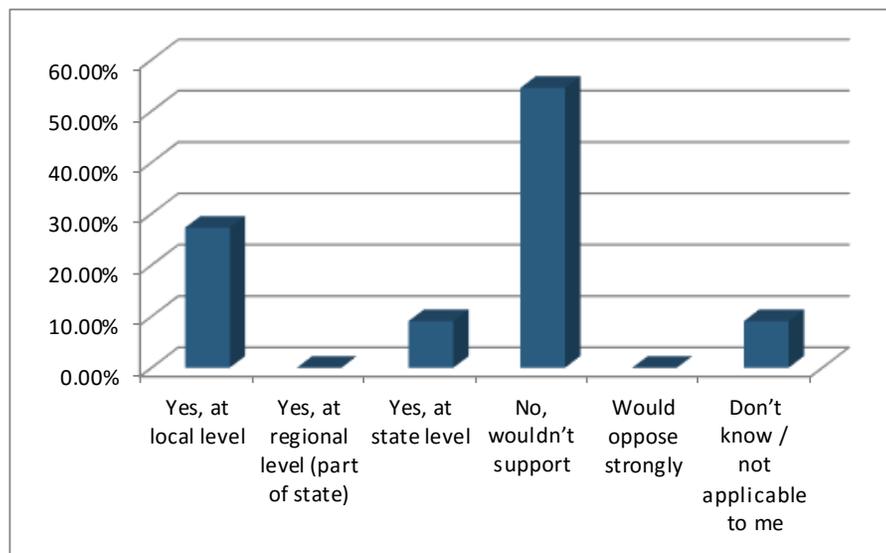
28. FEEDBACK 28 – Thinking about feasible recycling options in your area... Would you support consideration of Hub and Spoke in this area? (Multiple Choice)

	Responses	
	Percent	Count
Strongly support	63.64%	7
Somewhat support	36.36%	4
Somewhat oppose	0.00%	0
Strongly oppose	0.00%	0
Don't know / not applicable to me	0.00%	0
Totals	100%	11



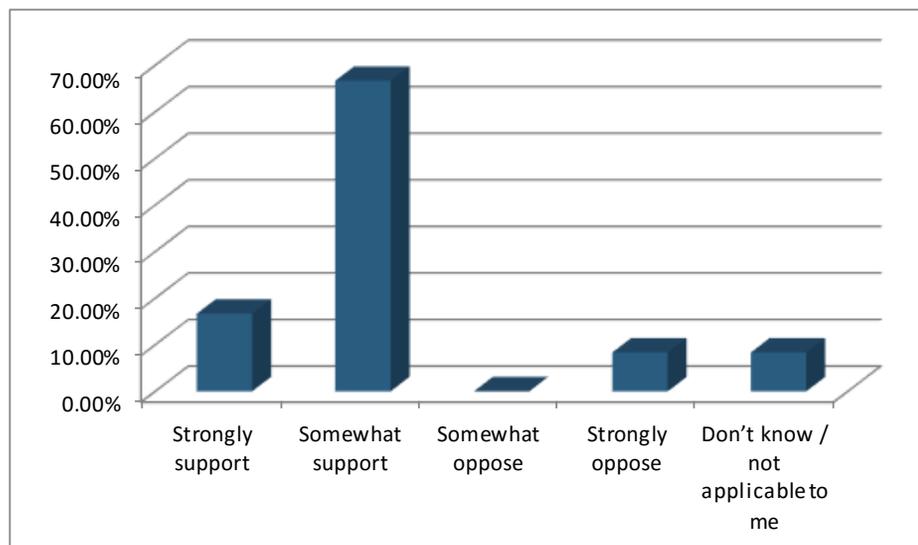
29. FEEDBACK 29 –Would you support a “trash tax” or “generator fee” to help support solid waste management planning? (Multiple Choice)

Responses		
	Percent	Count
Yes, at local level	27.27%	3
Yes, at regional level (part of state)	0.00%	0
Yes, at state level	9.09%	1
No, wouldn't support	54.55%	6
Would oppose strongly	0.00%	0
Don't know / not applicable to me	9.09%	1
Totals	100%	11



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

Responses		
	Percent	Count
Strongly support	16.67%	2
Somewhat support	66.67%	8
Somewhat oppose	0.00%	0
Strongly oppose	8.33%	1
Don't know / not applicable to me	8.33%	1
Totals	100%	12



APPENDIX B – CDPH&E Materials Management Stakeholders Meeting

Durango Pre-Meeting Survey Results

CDPHE 2016 Materials Management – Pre-Meeting Survey

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

Answered: 10 Skipped: 0

Answer Choices	Responses
1 (1)	30% 3
2 (2)	20% 2
5 (5)	20% 2
9 (9)	10% 1
15 (15)	10% 1
16 (16)	10% 1
Total	10

Basic Statistics				
Minimum	Maximum	Median	Mean	Standard Deviation
1.00	16.00	3.50	5.70	5.46

CDPHE 2016 Materials Management – Pre-Meeting Survey

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

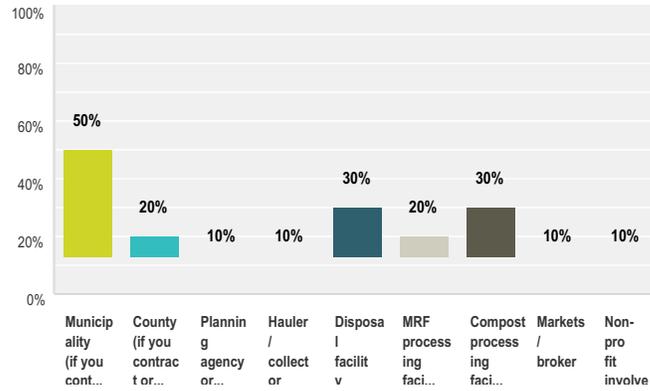
Answered: 10 Skipped: 0

Answer Choices	Responses	
1 (1)	20%	2
2 (2)	30%	3
5 (5)	10%	1
9 (9)	10%	1
15 (15)	20%	2
16 (16)	10%	1
Total		10

Basic Statistics				
Minimum	Maximum	Median	Mean	Standard Deviation
1.00	16.00	3.50	6.80	6.03

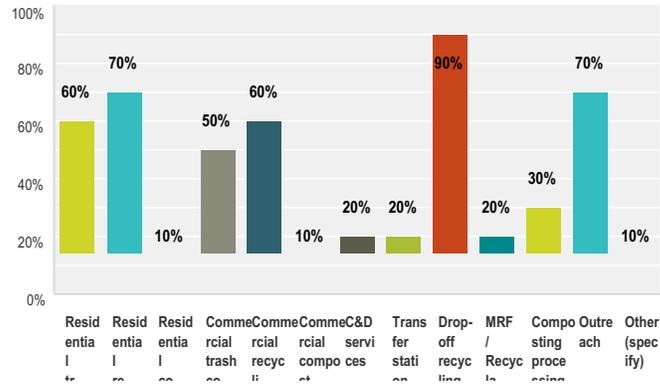
Q4 Which of the following best describes your (or your company's) role in solid waste (check all that apply):

Answered: 10 Skipped: 0



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

Answered: 10 Skipped: 0



CDPHE 2016 Materials Management – Pre-Meeting Survey

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

Answered: 8 Skipped: 2

	In City / Town	In County	Other	Not Available	Total Respondents
Residential trash collection	100% 8	63% 5	0% 0	0% 0	8
Residential recycling collection	100% 8	63% 5	0% 0	0% 0	8
Residential composting collection	33% 1	0% 0	0% 0	67% 2	3
Drop off recycling	100% 8	38% 3	0% 0	0% 0	8
Drop off composting	0% 0	100% 2	0% 0	0% 0	2
Commercial trash collection	100% 7	71% 5	0% 0	0% 0	7
Commercial recycling collection	100% 7	71% 5	0% 0	0% 0	7
Commercial composting collection	0% 0	0% 0	0% 0	100% 2	2
C&D services	100% 4	75% 3	0% 0	0% 0	4
Transfer Station	60% 3	20% 1	40% 2	0% 0	5
Recycling Processing (MRF)	50% 2	50% 2	0% 0	25% 1	4
Compost Processing	25% 1	100% 4	0% 0	0% 0	4
Outreach	100% 5	40% 2	0% 0	0% 0	5
Hazardous waste materials site	0% 0	0% 0	0% 0	100% 3	3
Hazardous waste events	67% 4	17% 1	0% 0	33% 2	6
Electronics collection events	71% 5	57% 4	0% 0	0% 0	7
Require space for recycling	50% 1	0% 0	0% 0	50% 1	2
Recycling Material Bans / Mandates	33% 1	0% 0	33% 1	33% 1	3
Composting Materials Bans / Mandates	0% 0	0% 0	0% 0	100% 2	2
Commercial Recycling Requirement	0% 0	0% 0	0% 0	100% 2	2
Commercial Composting / Green Waste Requirements	0% 0	0% 0	0% 0	100% 2	2
Hub & Spoke Programs	67% 2	0% 0	0% 0	33% 1	3
Residential PAYT	33% 1	0% 0	0% 0	67% 2	3
Commercial PAYT (recycling included in rates)	33% 1	0% 0	0% 0	67% 2	3

CDPHE 2016 Materials Management – Pre-Meeting Survey

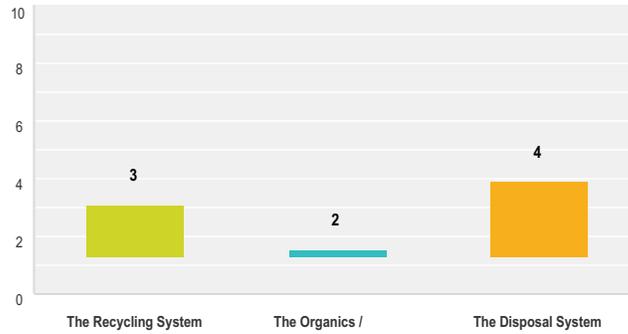
**Q10 If available- Who provides the following
in your area?**

Answered: 8 Skipped: 2

	Residential curbside trash collection	Residential curbside recycling collection	Residential yard / green waste collection	Total Respondents
Open subscriptions	43% 3	43% 3	14% 1	7
City staff	41% 7	41% 7	18% 3	17
County staff	0% 0	0% 0	0% 0	0
Contract Hauler(s)	44% 4	44% 4	11% 1	9
Other	0% 0	0% 0	100% 1	1

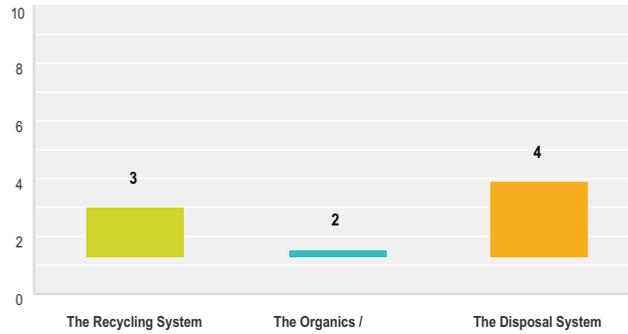
Q12 How well do you think each of the following is working in your area? (1= not well; 5= very well)

Answered: 9 Skipped: 1



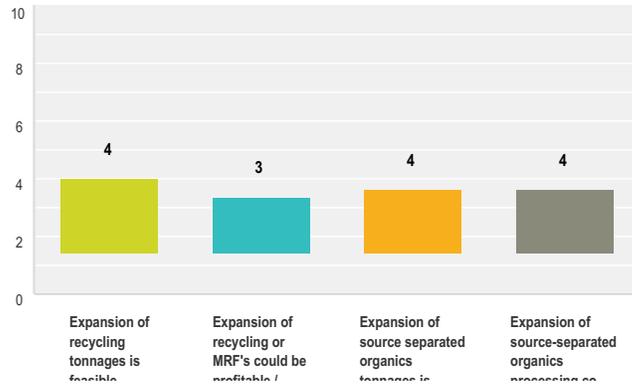
Q13 How satisfied are you with each of the following in your area? (1= not at all; 5= very satisfied)

Answered: 9 Skipped: 1



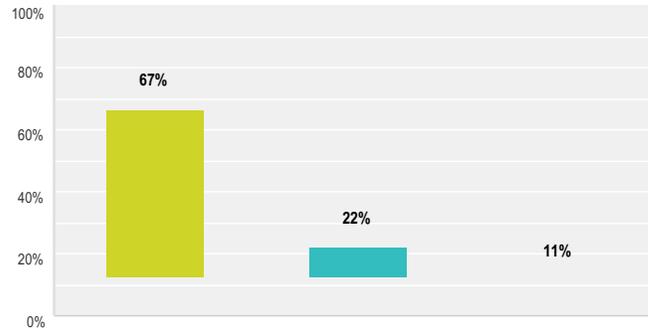
Q14 Please rank the following for your area; 1=Disagree strongly; 5=Agree strongly

Answered: 9 Skipped: 1



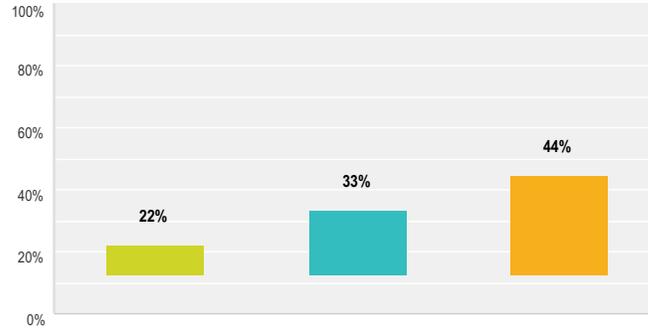
Q15 Have you ever considered Hub & Spoke?

Answered: 9 Skipped: 1



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

Answered: 9 Skipped: 1



CDPHE 2016 Materials Management – Pre-Meeting Survey

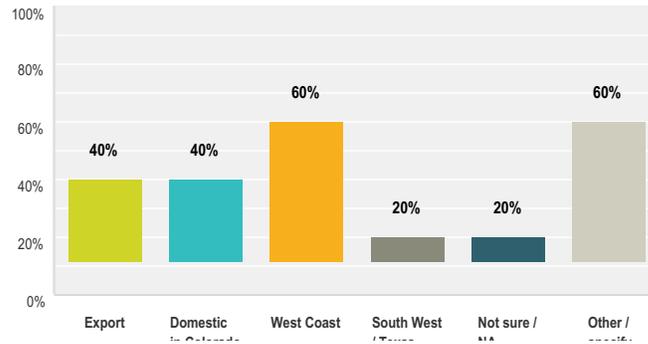
Q17 What are the most important barriers that constrain you / your company from expanding recycling or composting – or the expansion of recycling / composting facilities? (check the top 3 for recycling and top 3 for composting)

Answered: 8 Skipped: 2

	RECYCLING	ORGANICS	Total Respondents
Lack of material supply	0% 0	100% 1	1
Low participation / collection program weaknesses	100% 3	33% 1	3
Poor enforcement of mandates / regulations	100% 1	100% 1	1
Insufficient municipal commitment to diversion programs	100% 1	100% 1	1
Waste committed to flow to specific facilities or put-or-pay agreements	100% 1	100% 1	1
Contamination of incoming materials	100% 3	33% 1	3
High capital cost / lack of financing	50% 2	100% 4	4
Poor operational economics / profitability (why / detail in "other")	100% 4	50% 2	4
Permitting	50% 2	100% 4	4
Siting barriers	50% 1	50% 1	2
Competitive pressures (explain in "other")	0% 0	0% 0	0
Insufficient understanding of technologies	0% 0	0% 0	0
Markets – access	100% 3	0% 0	3
Insufficient demand / pricing for products (e.g. baled recyclables, compost, biogas, etc.)	100% 2	0% 0	2
Profitability issues	100% 3	33% 1	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	100% 1	100% 1	1
Lack of demand locally for product	100% 4	0% 0	4
Other (specify)	50% 1	50% 1	2

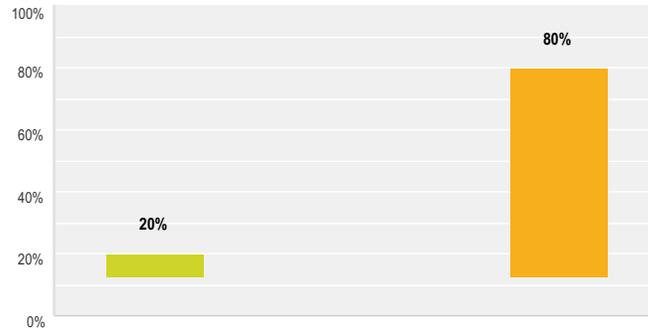
Q25 (For haulers, Municipality, etc) What market outlets do your recyclables currently flow to? (Check all that apply). Please specify in “other”.

Answered: 5 Skipped: 5



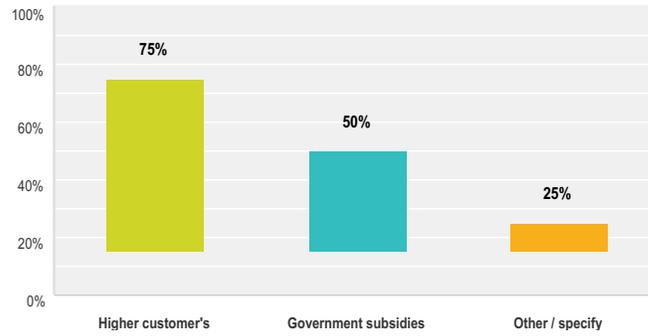
Q27 If commodity prices stay low, will your recycling programs survive?

Answered: 5 Skipped: 5



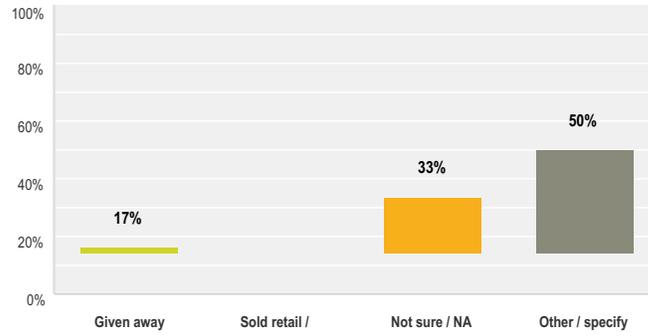
Q28 If no, what would you need to survive?

Answered: 4 Skipped: 6



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

Answered: 6 Skipped: 4



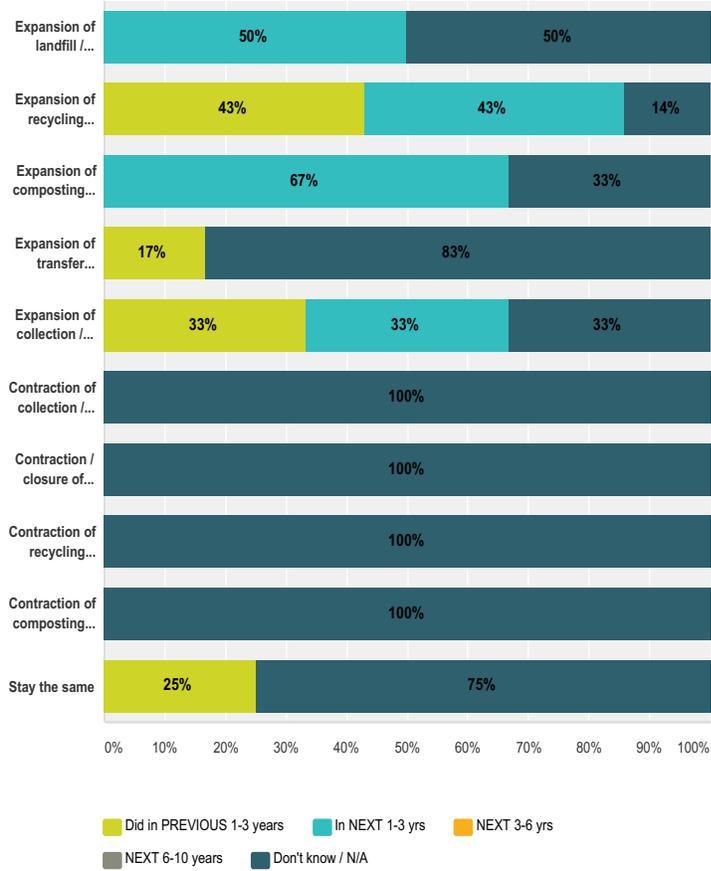
Q31 Do you believe that any of the following “higher level” policies would / might be effective at changing the structure of solid waste practices in a way that increases diversion or the economics of the system?

Answered: 7 Skipped: 3

	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	18% 4	18% 4	5% 1	5% 1	9% 2	5% 1	9% 2	5% 1	14% 3	14% 3	22
Very against this	4% 1	8% 2	13% 3	13% 3	13% 3	13% 3	8% 2	13% 3	8% 2	8% 2	24
No opinion	4% 1	4% 1	13% 3	13% 3	9% 2	13% 3	13% 3	13% 3	9% 2	9% 2	23

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

Answered: 7 Skipped: 3



APPENDIX C-

CDPH&E Material Management

ADDITIONAL OPEN ENDED ECONOMIC RESPONSES FROM PRE-MEETING SURVEYS

Durango

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?*
 - Durango is isolated, no nearby interstate and transportation reduces or eliminates any profits. Lots of illegal dumping
 - Yes. The public in general feel entitled and do not want to pay for anything, especially for recycling. Many people tell us that where they came from recycling was “free” to which we have to respond: No, where you came from it was tax-payer funded, you were still paying for it you were just blissfully unaware of what you were paying for it. Combine peoples entitled attitudes with a market that is in a slump and distance to end markets it can be problematic. I would say it is a regional concern. I think the cost is more problematic for recycling centers. I think most people expect to pay to dispose of their trash. However, some aspects of landfilling are quite expensive to, such as lining, engineering fees, and closure/post-closure monitoring. I am not familiar enough with transfer stations to give you a definite answer on that.
 - Not profitable.
 - It is more expensive to divert due to the long distances from end markets
 - Recycling economics are a joke. Curbside in the county involves very long hauls with very few stops because of low participation. We have long distances to end markets. Nothing is sustainable if it cannot be kept local, because you end up having to depend upon others. (i.e. when the ports were on strike last year). Composting on the other hand is great. When we keep organics out of the landfill we begin to eliminate problems like leachate and methane production. We can produce a product that people want and need locally. We can begin to fix our areas over tilled, nutrient depleted, over mono-cropped soil. The problem with local composting is that the super markets, casino, hospital, will have to get separate compactor style roll-offs and retrain their employees to source separate the materials. In addition, I am sure that CDPHE will set up many hoops for the hauler to have to jump through. Additionally, the permitting process and annual reporting is a nightmare especially when you use biosolids. We have to turn in the same information to the water quality division, composting division, EPA region 7, and recycling division, when one person who over sees Solid/Hazardous waste approves something, it than has to go through

several other divisions, so one never knows if they have all the proper approvals. Don't you all ever talk to each other?

- Economies for recycling are miserable, and not specific to the region. The “ruralness” of the region does not help the already poor economic climate for recycling.

2. *Within the region, what would be most beneficial to improve solid waste management services that are protective of human health and the environment?*

- Closer end markets, rise in demand for recyclable goods.
- We need startup money for the haulers to provide compactor style roll-offs for composting. We need capitol for better composting equipment. We need local businesses to be on board. This money should come from people who want to participate and not be from a tax that is forced upon people who do not want to participate.
- Better and closer end markets. Increase landfill tip fees to incentivize recycling. Create access to recycling to help increase tonnages.
- good question, perhaps incentives to businesses trying to do value added services with commodities collected in that area.
- Attract processing plants to the area so the material would not have to go so far and it could be reused locally.
- Have a convenient/easily accessible drop-off location (close to town)
- Outreach. Help the local communities!
- Educate
- permitting takes too long. Speed up the process for permits
- Give scholarships to students who want to create local end uses for post-consumer products. Use available funds to help with startups for haulers/ super markets who want to participate in commercial composting.
- -Simplify composting rules/regulations for small facilities - Create policies that help dive diversion (or templates for easy adoption by local governments - Education -State should increase the costs associated with landfills and enforce regulations at rural landfills. Require diversion at landfills. -Increase funding for RREO and other diversion programs.
- help increase options to offload materials collected, penalize contamination that brings down fair market value of commodities to encourage a proper evaluation of programs.
- Provide more funding opportunities for smaller infrastructure improvement projects. We need a new stem wall, but it is too low of a grant to write for RREO.
- Services are good here.

APPENDIX D-

CDPH&E Material Management

TABLE GROUPS WORK SESSION: NOTES

Durango

What's working:

- Blended Cost Model with PAYT.
- Works well: Mtz (Montezuma) LF-materials, City of Durango - S/S, City of Cortez - D/S.
- Durango c/s, Montezuma composting
- Voluntary curbside recycling - customer pay (sign up), vested interest - low contamination since customer pays fine if found continued in recycling, pays for itself

Missing / changed / barriers:

- Incentives,
- Education
- Public Education (What's acceptable for single stream recycling, recycling opportunities e.g. c/s in rural, ease of recycling), reduction
- Market for recyclables, transportation costs (including how far away market for recyclables is).
- \$,
- Space for composting,
- single stream market glass,
- contamination,
- growth.
- Commercial source separated organics, food waste biggest contributor - casino and grocery stores @ 21 tons/week,
- Education - recycling (La Plata and Montezuma).

Resources/successes in your area:

- Mtz LF, City of Cortez and City of Durango recycling
- Education
- Successful - low %, counterproductive - E-waste and time regs - end up in Arroyos, is it better to dispose of in lined landfill or end up illegal disposal in woods/arroyos?
- Exchange program

Opportunities / sharing resources:

- Regional Education Outlet
- Landfill owners provide space for composting
- Too many competitions/need huge outreach

Ideas near / long term:

- Near term: Blended Cost model. Long term: Local End Use
- Make recycling more convenient (manned sites)

- Regional MRF (are we big enough? What critical mass needed?)
- Website for regional MRF
- Money to end product use, no demand - market overwhelmed, post-consumer, don't mandate and form debt if supply is up and demand is down, come up with local end users, stop sending overseas or front range, create a product from waste stream.

Assistance needed:

- \$\$ Funds,
- Access Infrastructure,
- Access to joint infrastructure
- Funding faster permits
- Education and Policy down funding,
- Pre-consumer price pay for end of products life, re-using not recycling!

Funding ideas:

- Increased Tip fee
- Grants fees < Educate!
- Funding local end market uses through research show waste end costs before purchasing

Not needed:

- Unfunded Mandates
- Mandates
- No more disposal bans

Roles / who's needed:

- Individuals to drive group,
- Community assistance
- Regional website, communication and education
- Centralized collection is needed, regulations are too complex - simplify, educate on what is important, so many reports to so many CDPHE Departments, too many approvals for permits for same thing that all need approval from CDPHE Department - streamline, keeps entities from getting involved - too much red tape to start these programs