H-GAC Wastewater Infrastructure Survey



1. What sector do you repre	esent?	
	Response Percent	Response Count
NGO / Non-profit	3.4%	1
State / Regional government	10.3%	3
Local government (City, County, etc)	41.4%	12
MUD or other Special District	24.1%	7
Land Development / Real Estate	6.9%	:
Private Utility	6.9%	:
Private Contractor / Service	13.8%	
Private Citizen	6.9%	:
	Other (please specify)	;
	answered question	29
	skipped question	:
2. Do you own or operate a	WWTF?	
	Response Percent	Response Count
Yes	29.0%	
No	71.0%	2
	answered question	3
	skipped question	

3. If so, what size(s)?

	Response Percent	Response Count
<0.5 MGD	12.5%	2
<1 MGD	0.0%	0
1-5 MGD	12.5%	2
>5 MGD	25.0%	4
N/A	56.3%	9

Other (please specify)

3

answered questio	n 16
skinned questio	n 15

4. What is your familiarity with regionalization?

	Response Percent	Response Count
Not familiar with regionalization	12.9%	4
Familiar, but don't deal with it	38.7%	12
Occasionally deal with it	25.8%	8
Deal with regionalization regularly	22.6%	7
	Other (please specify)	0
	answered question	31
	skipped question	0

5. Have you been involved with a regional facility?

	Response Percent	Response Count
Yes	58.1%	18
No	29.0%	9
N/A	12.9%	4
	answered question	31
	skipped question	0

6. Has your organization considered consolidating existing infrastructure?

	Response Percent	Response Count
Yes	41.9%	13
No	19.4%	6
N/A	38.7%	12
	answered question	31
	skipped question	0

7. If you have considered consolidating, did you do it?

	Response Percent	Response Count
Yes	28.6%	8
No	21.4%	6
N/A	50.0%	14
	answered question	28
	skipped question	3

8. If you DID consolidate existing infrastructure, what was your reason(s)?

	Response Percent	Response Count
Economy of Scale	31.8%	7
Aging Infrastructure	27.3%	6
Regulatory Mandate	4.5%	1
Eliminating Problem Facilities	27.3%	6
N/A	63.6%	14

Other (please specify)

1

answered question 22
skipped question 9

9. If you did NOT consolidate existing infrastructure, what was your reason(s)?

	Response Percent	Response Count
Cost	31.0%	9
Lack of Opportunity (nearby facilities)	20.7%	6
Lack of Available Funds	13.8%	4
Potential of Losing Operational Control	3.4%	1
Timing Issues	3.4%	1
N/A	55.2%	16

Other (please specify)

2

answered question	29
skipped question	2

10. Has your organization considered coordinating wastewater infrastructure for new development with other new developments or existing regional facilities?

	Response Percent	Response Count
Yes	41.9%	13
No	16.1%	5
N/A	41.9%	13
	answered question	31
	skipped question	0

11. If you have considered such a coordination effort, did you do it?

	Response Percent	Response Count
Yes	32.3%	10
No	9.7%	3
N/A	58.1%	18
	answered question	31
	skipped question	0

12. If you DID participate in the coordination effort, what was the reason(s)?

	Response Percent	Response Count
Economy of Scale	22.2%	6
There was already an available regional facility	18.5%	5
'Turn-Key' solution (allow another entity to manage)	11.1%	3
N/A	63.0%	17

Other (please specify)

4

answered question 27

skipped question 4

13. If you did NOT participate in the coordination effort, what was the reason(s)?

	Response Percent	Response Count
Lack of available land	0.0%	0
Coordination timing	8.0%	2
Lack of funding	12.0%	3
Control	8.0%	2
No adjacent developments	0.0%	0
Cost	8.0%	
N/A	68.0%	17
	Other (please specify)	0
	answered question	25
	skipped question	6

14. Can regionalization be a potentially effective tool for managing wastewater infrastructure?

	Response Percent	Response Count
Yes	100.0%	30
No	0.0%	0
	answered question	30
	skipped question	1

15. What form(s) of regionalization do you perceive as a potentially valuable tool?

		sponse ercent	Response Count
Coordinating infrastructure development		13.3%	4
Consolidation of existing facilities		10.0%	3
Both		76.7%	23
Neither		0.0%	0
	Other (please s	specify)	0
	answered qu	estion	30
	skipped qu	estion	1

16. What is the most desirable effect of regionalization?

	Response Percent	Response Count
Eliminate problem facilities	63.3%	19
Meet regulatory mandates	23.3%	7
Decrease environmental impact	46.7%	14
Improve cost and/or operation efficiency	66.7%	20
Coordinated development of new infrastructure	23.3%	7

Other (please specify)

1

1

answered question 30 skipped question 1

17. What benefits do you perceive that regionalization CAN have?

	Response Percent	Response Count
Cost	56.7%	17
Efficiency	76.7%	23
Coordinated development of new infrastructure	36.7%	11
Meeting regulatory requirements	50.0%	15
Eliminate problem facilities	66.7%	20
Environmental	43.3%	13

Other (please specify)

answered question 30
skipped question 1

18. What disadvantages do you perceive that regionalization CAN have?

	Response Percent	Response Count
Cost	50.0%	15
Timing	16.7%	5
Lack/loss of full control	30.0%	9
Funding	70.0%	21
Lack of adequate land/space	30.0%	9
Reliance on proximity to others	36.7%	11

Other (please specify)

1

30

answered question

skipped question 1

19. Under CURRENT CONDITIONS, where can wastewater infrastructure regionalization best be applied in the H-GAC 13-county region?

	Response Percent	Response Count
urban areas	33.3%	9
n residential	25.9%	7
Suburban	48.1%	13
developing	51.9%	14
Nowhere	0.0%	0
	Other (please specify)	5

answered question	27
skipped question	4

20. Which of these would make regionalization a more viable / feasible option?

	Response Percent	Response Count
More / easier access to funding	55.6%	15
Assistance with coordination	33.3%	9
Increased political support	40.7%	11
Regulatory requirement	37.0%	10
Regional wastewater policy	48.1%	13
	Other (please specify)	2

answered question	on 27
skipped question	on 4

21. Assuming the availability of the above options, where COULD regionalization best be applied in the H-GAC 13 county region?

Response Count	Response Percent	
11	39.3%	Densely developed urban areas
12	42.9%	Urban residential
15	53.6%	Suburban
13	46.4%	Rural / developing
0	0.0%	Nowhere
3	Other (please specify)	
28	answered question	
3	skipped question	

22. Would you support a regional wastewater policy?

	Response Percent	Response Count
Yes	37.9%	11
Yes - depending on scope / scale	51.7%	15
No	3.4%	1
No - sufficient policy already exists	6.9%	2

Other (please specify)

1

2

answered question 29
skipped question 2

23. What entity should be responsible for making and implementing decisions concerning regionalization?

	Response Percent	Response Count
Individual plant owner / operators	17.2%	5
Local governments (City, County, etc)	37.9%	11
Regional authorities	34.5%	10
State / Federal governments	10.3%	3
	Other (please specify)	2

29	answered question	
2	skipped question	

24. Would you support a regional wastewater authority?

	Response Percent	Response Count
Yes	37.9%	11
No	24.1%	7
Depending on its role	37.9%	11
	answered question	29
	skipped question	2

25. If a regional wastewater authority was created, what would be its preferred role?

	Response Percent	Response Count
Advisory / facilitating	72.4%	21
Regulatory	27.6%	8
Funding	37.9%	11
None	6.9%	2
	Other (please specify)	0
	answered question	29
	skipped question	2

26. Please share any additional opinions and/or comments that you feel could be useful. The goal of this survey and workshop is to gather information to make a recommendation to the TCEQ concerning the potential of wastewater infrastructure regionalization.

Response
Count

•

answered question 3