

## **Environmental Attitudes and Behaviors of a Sample of South Carolina Residents from Five Regions of the State**

This series of questions does not include the following brief sections of the full survey instrument: introduction, approval of participation, and demographic data collection. It also represents the body of questions being asked to Midlands area residents, as indicated by zip codes.

1. I'd like to know how concerned you are with pollution and environmental quality in your local streams and waterways: Would you say you are very, somewhat, not very or not at all concerned?

Very concerned  
Somewhat concerned  
Not very concerned  
Not at all concerned  
DO NOT KNOW  
REFUSAL

2. How important do you feel clean water is to South Carolina's state economy and tourism?

Very important  
Somewhat important  
Not important  
DO NOT KNOW  
REFUSAL

3. In general, how much does what people do on the land affect the quality of their local streams and waterways?

A great deal  
Somewhat  
Not too much  
Not at all  
DO NOT KNOW  
REFUSAL

4. To what extent do you agree or disagree with the following statements? Your choices are as follows:

Strongly agree  
Agree  
Disagree

Strongly disagree  
DO NOT KNOW  
REFUSAL

5. Inspection and pump out of septic tanks protects water quality.

6. Pet waste is a source of bacteria pollution in waterways.

Strongly agree  
Agree  
Disagree  
Strongly disagree  
DO NOT KNOW  
REFUSAL

7. Stormwater is runoff from yards and roads during storm events or from irrigation; it drains to ditches and storm drains along roadways. Do you believe that this stormwater is treated before reaching our lakes, streams, creeks, and beaches?

Yes, it is treated.  
No, it is not treated.  
DO NOT KNOW  
REFUSAL

8. Communities are putting round stickers, metal decals or stencils to mark curb inlets along streets. Do you recall seeing a marked curb inlet?

Yes  
No  
DO NOT KNOW  
REFUSAL

9. If yes, can you describe what was written or pictured on the decal or stencil?

LOGO  
FISH  
SHRIMP  
RIVER  
DRAINS TO WATERWAYS  
NO DUMPING  
DO NOT REMEMBER  
RECORD OTHER RESPONSE

10. For this question, I am going to mention some specific, possible sources of water pollution. Please tell me if each has a great impact, some impact, very little impact or no impact on streams, lakes or other bodies of water in your area.

Fertilizers and lawn chemicals that people use on their lawns and gardens?

11. Fuel and oil leaks from trucks, buses or automobiles?  
12. Dog Waste?  
13. Runoff from people washing their cars?  
14. Industrial sites?  
15. Farms operations?  
16. Sediment or dirt from construction sites?  
17. Parking lot runoff?
18. In your opinion, how effective are the following activities in maintaining land along a river or lake in an environmentally friendly way?

Allowing natural vegetation to grow wild?

Very effective  
Somewhat effective  
Not at all effective  
DO NOT KNOW  
REFUSAL

19. Keeping grass or other vegetation mowed to the edge of the water?  
20. Planting bushes and shrubs?  
21. Installing a retaining wall or bulkhead?
22. I am going to read you some potential definitions of a “watershed.” Can you tell me which best fits your definition of what a watershed is? Is it an area that retains water like a swamp or a marsh, all of the land area that drains into a specific river or lake, a reservoir that serves as a municipal water source, a small building where water is stored, or none of the things I've mentioned?

Low area that retains water  
Area that drains into specific river or lake  
Reservoir that serves as a municipal water source  
Small building where water is stored  
None of the options mentioned (Please specify other definition: \_\_\_\_\_)  
DO NOT KNOW

REFUSAL

23. Now, I'd like to know about your participation in several recreational activities. Please tell me how often you do each of the following activities:

Kayaking or canoeing?

Often (WEEKLY OR BI-WEEKLY DURING APPROPRIATE SEASON)

Sometimes (MONTHLY)

Rarely (A FEW TIMES EACH YEAR)

Never

DO NOT KNOW

REFUSAL

24. Paddleboarding?

25. Motorboating?

26. Fishing?

27. Swimming in rivers and lakes?

28. Visiting the beach?

29. Visiting natural areas for hiking, walking, or hunting?

30. Using community walking paths, also known as greenways?

31. How often do you get your yard's soil tested?

More than 1 time per year

One time per year

Every few years

Never

Other: \_\_\_\_\_

Not applicable. I do not have a yard.

32. In the past two years, have you participated in a lake, river, or roadside clean-up event?

Yes

No

DO NOT KNOW

REFUSAL

33. In the past two years, have you joined or volunteered for a conservation or environmental organization? If yes, which one?

Yes (Specify: \_\_\_\_\_)

No

DO NOT KNOW  
REFUSAL

34. Are you, or someone in your household, responsible for maintaining your lawn?

Yes, either I or someone in my household is responsible for maintaining my lawn.  
No, someone from outside my household maintains my lawn.  
Not applicable. I do not mow my lawn or have a lawn to maintain..  
DO NOT KNOW  
REFUSAL

35. Now, I am going to read a list of activities. I'd like to know how often, in the past two years, you have done the following.... Please also let me know if the question does not apply to you. In the past two years, how often have you....

Considered the likelihood of a storm before treating your lawn with pesticide or fertilizer?  
I always or nearly always considered the likelihood of rain every time I treat my lawn.  
I hardly ever or never considered the likelihood of rain before I treat my lawn.  
Does not apply, either I do not have a lawn or I did not use fertilizers or pesticides.  
DO NOT KNOW  
REFUSAL

36. Picked up after your dog?

I always picked up after my dog  
I nearly always picked up after my dog  
I hardly ever picked up after my dog  
I never picked up after my dog  
Does not apply, I do not own a dog  
DO NOT KNOW  
REFUSAL

37. Disposed of oil, paint or other chemical down storm drains?

I always disposed of oil, paint or other chemical down storm drains.  
I nearly always disposed of oil, paint or other chemical down storm drains.  
I hardly ever disposed of oil, paint or other chemical down storm drains.  
I never disposed of oil, paint or other chemical down storm drains.  
Does not apply, I did not use oil, paint or other chemical.  
DO NOT KNOW  
REFUSAL

38. Dumped grass clippings or leaves down storm drains, backyard creeks or ditches?

I always dumped grass clippings or leaves down storm drains, backyard creeks or ditches  
I nearly always dumped grass clippings or leaves down storm drains, backyard creeks or ditches.

I hardly ever dumped grass clippings or leaves down storm drains, backyard creeks or ditches.

I never washed dumped grass clippings or leaves down storm drains, backyard creeks or ditches.

Does not apply, I did not have grass clippings or leaves from my lawn.

DO NOT KNOW

REFUSAL

39. How many times have you had your septic system inspected and/or pumped in the past four years? Specify number of times: \_\_\_\_\_

DO NOT KNOW

Not applicable. Do not have a septic system.

REFUSAL

40. Generally, how do you currently remove or dispose of household chemicals such as paint/paint thinners, cleaners, pesticides)?

Pour them out in the yard or woods

Pour them into a storm drain or ditch

Put them in the trash

Pour them down the sink or toilet

Take them to the dump/landfill/collection center on appointed days.

Unsure.

Do not use these products.

Other: (please identify)

41. Where do you wash your car?

Gravel or lawn

Asphalt or paved driveway

Off site at a wash location

Does not apply, I either do not own a car/boat or did not wash my car.

DO NOT KNOW

REFUSAL

42. Where do you wash your boat?

Gravel or lawn

Asphalt or paved driveway  
Off site at a wash location  
Does not apply, I either do not own a car/boat or did not wash my boat.  
DO NOT KNOW  
REFUSAL

43. Are you aware that Clemson University has a program called Carolina Clear, which aims to collaborate with communities and grassroots groups to conduct water resource education?

Yes, I am aware of Carolina Clear and am familiar with its programs.  
Yes, I have heard of Carolina Clear, but am not familiar with its programs.  
No, I have never heard of Carolina Clear.  
If yes, how did you hear about Carolina Clear?\_(open-ended response)

44. Do you have a rain barrel or rain garden in your yard?

Yes  
No  
REFUSAL  
I DON'T KNOW WHAT THESE ARE.

**Regional-Specific Questions: Midlands Area**

**Zip Codes:**

29002	29209	29227
29016	29210	29229
29044	29211	29230
29052	29214	29240
29061	29215	29250
29063	29216	29260
29147	29217	29290
29177	29218	29292
29201	29219	29040
29202	29220	29128
29203	29221	29150
29204	29222	29152
29205	29223	29153
29206	29224	29154

29207	29225	29168
29208	29226	

1. Of the options listed below, please let me know the three primary ways you receive local/regional information and news:
  - TV-Evening News
  - TV-Morning News
  - Radio-public (NPR)
  - Radio-general
  - Internet
  - Online local/regional newspaper
  - Print local/regional newspaper
  - Billboards/posters
  - Events/workshops
  - Other
  
2. Which of the following, if any, social networking sites do you utilize? (CHECK ALL THAT APPLY)
  - YouTube
  - Facebook
  - Twitter
  - Pinterest
  - LinkedIn
  - Other: \_\_\_\_\_
  - NONE
  
3. Of the following water-related events, which are you likely to attend? (CHECK ALL THAT APPLY)
  - How to Build a Rain Garden
  - How to Build a Rain Barrel
  - Volunteer Stream Clean Up
  - Learning about Local Lake and River Health
  - Green Gardening
  
4. (IF THE RESPONDENT SAYS "NONE" TO #1, SKIP THIS QUESTION.) When is the most convenient time for you to participate in events like those mentioned above?
  - Weekday morning
  - Weekday afternoon
  - Weekday evening
  - On the weekend
  
5. Are you aware of your community's ordinances that are in place to protect water quality?



Yes, I am very aware of my community's ordinances that are in place to protect water quality.

Yes, I am somewhat aware of my community's ordinances that are in place to protect water quality.

No, I am not at all aware of my community's ordinances that are in place to protect water quality.

Not sure.

REFUSAL

6. Overall, do you believe greenways (walking paths connecting points within and around a community) are valuable assets to a community?

Yes, I believe greenways are very valuable.

Yes, I believe greenways are somewhat valuable

No, I do not believe that greenways are not valuable

I do not know if greenways are valuable

REFUSAL.

7. To the best of your understanding, when rain falls where you live, which body of water directly receives the runoff?

I am certain that water runs off into the following body of water \_\_\_\_\_  
(INTERVIEWER TYPES IN A RESPONSE TO THE OPEN-ENDED PORTION OF THE SURVEY QUESTION).

I think water runs off into the following body of water \_\_\_\_\_  
(INTERVIEWER TYPES IN A RESPONSE TO THE OPEN-ENDED PORTION OF THE SURVEY QUESTION).

I do not know what waterbody receives the runoff from rain that falls where I live.

REFUSAL

8. Have you ever heard of the Richland Countywide Stormwater Consortium?

Yes, I am aware of the Richland Countywide Stormwater Consortium and am familiar with its programs.

Yes, I have heard of the Richland Countywide Stormwater Consortium, but am not familiar with its programs.

No, I have never heard of the Richland Countywide Stormwater Consortium.

If yes, how did you hear about the Richland Countywide Stormwater Consortium? (open-ended response) \_\_\_\_\_

9. Have you ever heard of Sumter Stormwater Solutions?

Yes, I am aware of Sumter Stormwater Solutions and am familiar with its programs.

Yes, I have heard of Sumter Stormwater Solutions, but am not familiar with its programs.

No, I have never heard of Sumter Stormwater Solutions.

If yes, how did you hear about Sumter Stormwater Solutions? (open-ended response)

\_\_\_\_\_