

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 Pee Dee 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: Pee Dee Area

Zip Codes:

29161
29501
29505
29506
29530
29532
29541

1. How important do you feel that local waterway health is to your quality of life?

Very important
Somewhat Important
Not at all important
No opinion
DO NOT KNOW
REFUSAL

2. 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

3. 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