

# University of Memphis Shelby County Water Survey

**1. Think about how you use water inside your home. How often do you do the following?**

Select one answer choice per question.

Run only full loads of dishes in dishwasher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	I don't use a dishwasher
Turn off the tap while handwashing dishes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	I don't hand wash dishes
Filter tap/faucet water using a pitcher or filter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	I don't drink tap water
Limit showers to less than ten minutes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	I don't use the shower
Turn off the tap while brushing teeth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	I don't use the tap to brush teeth

**2. What is your primary source of drinking water at home? Select one.**

- Tap water (i.e., from a faucet)
- Bottled water
- Other – explain below:

**3. Identify all of the ways in which you typically dispose of household hazardous waste such as oil, paint, and batteries. Check all that apply.**

- My trash can
- Pour down sink or shower drain
- Pour into street drain or ditch
- Take to a household hazardous waste facility
- Bring to a landfill
- Other – explain below:

**4. Who helps maintain your lawn or yard (if you have one)? Check all that apply.**

- Me
- Someone in my household
- A friend or neighbor
- A landscaper employed by me or my household
- My landlord
- My homeowner's association
- I do not have a lawn or yard

*(If you do not have a lawn or yard, skip question 5 and turn the page)*

**5. When maintaining your lawn or yard, how often do you (or the person responsible for lawn/yard maintenance) do the following? Select one answer per statement.**

Water lawn between 10am-6pm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	Don't Know
Water lawn 2+ times per week	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	Don't Know
Use fertilizer or pesticide on lawn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Usually	Always	Don't Know

**6. Identify whether you agree or disagree with the following statements. Select one answer per statement.**

The price of my water bill is too high	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree
The government is doing enough to protect my drinking water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree
The government is doing enough to protect rivers, lakes, and streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree
There is too much regulation when it comes to local water issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree
Clean drinking water is a fundamental human right	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree
Shelby County will have enough clean water to meet all needs for the next 25 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Disagree	No Opinion	Agree

**7. Rate your level of concern, if any, about each topic. Select one choice per topic.**

The quality of water I receive at home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Water quality in Shelby County rivers, lakes, and streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Amount of water available for Shelby County's residents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Amount of water available for Shelby County's farms and ranches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Condition of water infrastructure such as pipes and treatment plants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Contamination of my drinking water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned
Affordability of my water bill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not concerned	Somewhat concerned	Very concerned

**8. In the boxes below, please write what you think are the top three threats to the quality of Shelby County's drinking water.**

1.	
2.	
3.	

**9. Hypothetically, would you be willing to pay an additional «willingness»/month in your water bill, rent, or homeowner's association payment to help address your concerns about local water?**

Select one.

- Yes
- No, «willingness» is too much
- No, I do not have any concerns

In this section, we want to know what residents like you **know** about your water supply. For each question, select the first answer that comes to your mind. **If you don't know the answer, select "I am not sure."** Please do not look up answers.

**10. Where does Shelby County get most of its drinking water?**

- Mississippi River
- Tennessee River
- Memphis aquifer
- Wolf River
- I am not sure

**11. Most towns and cities have storm sewers that prevent flooding by draining rainwater from streets and parking lots. In Shelby County, where does water entering storm sewers go?**

- Wastewater treatment plants
- Lakes, rivers, and wetlands
- Into groundwater
- I am not sure

**12. Which of the following best describes the direct source of Shelby County's drinking water?**

- Surface water
- Groundwater
- Rainwater
- Water transported by canals and trucks
- I am not sure

**13. Of the following, who uses the most water in Shelby County?**

- Households
- Factories/industry
- Farms and ranches
- Power generation
- I am not sure

**14. A layer of sediment containing groundwater is called:**

- A levee
- A subterranean river
- A water table
- An aquifer
- I am not sure

**15. What is your age?**

years old  Prefer not to say

**16. How long have you lived in Shelby County?**

years  Prefer not to say

**17. Including yourself, how many people live in your home?**

people  Prefer not to say

**18. Are you interested in receiving information about water issues in Shelby County? Select one.**

- Yes
- No

**19. Do you use any of the following forms of social media?**

Select one answer per row.

Facebook	<input type="radio"/> Yes	<input type="radio"/> No
Instagram	<input type="radio"/> Yes	<input type="radio"/> No
LinkedIn	<input type="radio"/> Yes	<input type="radio"/> No
Twitter	<input type="radio"/> Yes	<input type="radio"/> No
YouTube	<input type="radio"/> Yes	<input type="radio"/> No

**20. Do you typically learn about local news and events from any of the following sources?**

Select one answer per row.

Local TV	<input type="radio"/> Yes	<input type="radio"/> No
Local radio	<input type="radio"/> Yes	<input type="radio"/> No
Flyers/brochures	<input type="radio"/> Yes	<input type="radio"/> No
Newspapers (print)	<input type="radio"/> Yes	<input type="radio"/> No
Newspapers (online)	<input type="radio"/> Yes	<input type="radio"/> No
Social media	<input type="radio"/> Yes	<input type="radio"/> No
Billboards	<input type="radio"/> Yes	<input type="radio"/> No
E-mail	<input type="radio"/> Yes	<input type="radio"/> No

**21. What do you do for work?**

- Prefer not to say
- 

**22. Please specify your race/ethnicity. Select one.**

- Hispanic or Latino  
 White, non-Hispanic  
 Black or African-American, non-Hispanic  
 Asian or Pacific Islander  
 Other  
 Prefer not to say
- 

**23. What is the highest level of school you have completed? Select one.**

- Some school (no high school diploma or GED)  
 High school degree or GED  
 Some college (no degree)  
 Associate's degree or trade school  
 Bachelor's degree  
 Master's degree or higher  
 Prefer not to say
- 

**24. What is your annual household income?**

*Select one.*

- \$15,000 or less  
 \$15,001 - \$35,000  
 \$35,001 - \$75,000  
 \$75,001 - \$150,000  
 More than \$150,000  
 Prefer not to say
- 

**25. How would you best describe your residence?**

*Select one.*

- House  
 Duplex / multiplex  
 Apartment  
 Townhouse  
 Condominium  
 Mobile home  
 Other  
 Prefer not to say

**26. Do you own or rent your current residence?**

*Select one.*

- Own  
 Rent  
 Not applicable (i.e., live with family)  
 Prefer not to say
- 

**27. Please specify your gender. Select one.**

- Male  
 Female  
 Other / do not identify with a gender  
 Prefer not to say
- 

**28. How would you describe your political views?**

*Select one.*

- Very liberal  
 Liberal  
 Moderate  
 Conservative  
 Very conservative  
 Prefer not to say
- 

**29. Check all that apply. If you check any boxes, please also provide your contact information.**

- I would like to be entered into a raffle to win a \$100 Amazon gift card.  
 I would like to receive a report summarizing the findings of this research project.  
 I am interested in earning a cash incentive by participating in a focus group to discuss the survey results.  
 I would like to learn more about local water issues from the University of Memphis.

**Phone Number**

**E-mail Address**

**Thank you for completing the survey! Please mail the survey back in the provided prepaid envelope.**