

Appendix A. Crowd the Tap screening survey. The screening survey was hosted on SciStarter.org from May 2019 to October 2022 and on Qualtrics from November 2022 to August 2023.

* These questions were optional for certain participants in the Qualtrics survey from 11/2022 to 8/2023. The motivation for changing the data form is explained in the faith communities section of the HBCU intern row in Table 1.

Question	Options
Best guess, when was your home constructed?	Before 1986; 1987-2013; After 2014; I don't know
What was your magnet test result for your [in-home/service line] plumbing?	Magnet sticks; Magnet doesn't stick; I didn't perform a magnet test
What was your scratch test result for your [in-home/service line] plumbing?	Color of a penny; No shine; Silver streaks
What pipe material(s) is(are) in your [in-home/service line] plumbing? (select all that apply)	Lead pipes; Copper pipes; Steel pipes; Plastic pipes; Other (write in); Unknown
What were your chemistry results?*	Chemistry data was obtained using 10-in-1 or 14-in-1 Baldwin Meadows chemistry strips.
In what type of home do you reside?*	Stand-alone house; Attached (duplex, etc.); Mobile home; Apartment or condominium; Other (write in)
Are you (or someone else residing there) the homeowner, renter or other?*	Homeowner; Renter; Other (write in)
Number of people in your household (of any age)*	Write in
Number of adults (age 18+) in your household*	Write in
Number of people of childbearing age in your household*	Write in
Number of children (age 6-17) in your household*	Write in
Number of infants (age 0-5) in your household*	Write in
What taste does your tap water have? (select all that apply)*	None; Bitter; Salty; Sulfur; Metallic; Oily; Soapy Other (write in)

What odor does your tap water have? (select all that apply)*	None; Rotten eggs/sulfur; Kerosene or gas; Musty; Chemical; Chlorine; Other (write in)
What color does your tap water have? (select all that apply)*	Clear; Milky; Yellow tint; Muddy; Black/gray tint; Oily film; Other (write in)
What stain does your tap water make on sinks, plumbing, cooking appliances, utensils, or laundry? (select all that apply)*	None; Rusty/orange/brown; White/chalk; Blue-green; Black/gray; Other (write in)
In a standing glass of tap water, what floating or settled particles do you notice? (select all that apply)*	None; Black specks; Brown sediment; White flakes; Red-orange slime; Other (write in)
People of what race(s) and ethnicities live in your household? (select all that apply)*	White; Black or African American; Asian; American Indian or Alaska Native; Native Hawaiian or Other Pacific Islander; Hispanic or Latino; Other (write in); Prefer not to answer
What is the estimated annual household income?*	Less than \$10,000; \$11,000-\$24,000; \$25,000-\$40,000; \$41,000-\$64,000; \$65,000 or more; Prefer not to answer
Do you have home insurance?*	Yes; No; I don't know; Prefer not to answer
Do you have health insurance?*	Yes; No; I don't know; Prefer not to answer