

Stream Health Stage 1: DISCOVER

Project Engagement

VIEWS

948

PARTICIPANTS

231

RESPONSES

3,661

COMMENTS

151

SUBSCRIBERS

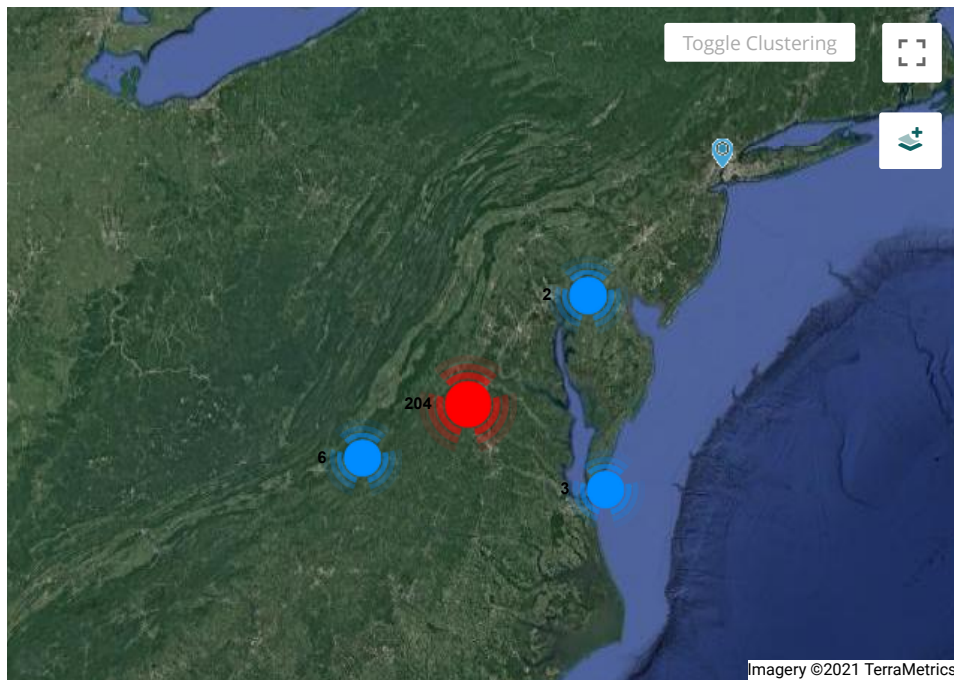
189

Which of the following groups do you identify with?

60%	Outdoor recreation enthusiast	131 ✓
52%	Rural Area landowner	113 ✓
51%	Rural Area resident	111 ✓
48%	Conservation advocate	105 ✓
35%	Forest owner	77 ✓
27%	Urban/Development Area resident	59 ✓
14%	Urban/Development Area landowner	31 ✓
12%	Conservation professional	26 ✓
11%	Farmer	24 ✓
11%	Other	23 ✓
9%	Business owner	20 ✓
5%	Forestry/ag professional	10 ✓
3%	Student	7 ✓
0%	Developer	1 ✓

217 Respondents

Where do you live?



Do you have any prior involvement in the Stream Health project (from 2017-2020)?

87%	I was not involved.	176 ✓
5%	Online survey	10 ✓
4%	Stakeholder meeting: Conservation Community	9 ✓
4%	Other	9 ✓
3%	Public meetings	6 ✓
2%	Stakeholder meeting: Farming/Forestry Community	5 ✓
0%	Stakeholder meeting: Development Community	0 ✓

203 Respondents

What topics would you like to learn more about?

66%	Current watershed conditions	133 ✓
66%	Stream restoration	133 ✓
63%	Existing County water quality policies, requirements, and programs	127 ✓
59%	Ecology of streams and riparian corridors	119 ✓
53%	Riparian buffers – science and management	108 ✓
48%	Forest management & water quality	97 ✓
44%	Existing regional/state water quality policies and roles	88 ✓
42%	Land conservation programs	84 ✓
37%	Landowner financial assistance (cost share) related to stream health	75 ✓
34%	Rural Area planning	69 ✓
33%	Recreation & water quality	67 ✓
31%	Agriculture & water quality	62 ✓
29%	Construction & water quality	59 ✓
21%	Case studies	42 ✓
4%	Other	9 ✓

202 Respondents

Are you interested in improving stream health in Albemarle County?

72%	OBSERVER: I would like to attend educational programs and receive updates about project.	138 ✓
44%	CONTRIBUTOR: I would like to participate in meetings and discussions.	84 ✓
26%	AMBASSADOR: I would like to share information about the project back and forth between my community or organization and the project team.	49 ✓
8%	TECHNICAL EXPERT: I am a subject matter expert in some aspect of stream health and may be willing to participate in presentations and panel discussions.	15 ✓
7%	Other	14 ✓

191 Respondents

What is the best way for us to communicate?

90%	COMPUTER or TABLET WITH INTERNET ACCESS: I am able to participate in virtual events and access online materials.	183 ✓
49%	POSTAL MAIL: I am able to receive project materials in the mail.	100 ✓
48%	SMART PHONE: I am able to participate in virtual events and access online materials.	98 ✓
43%	TEXT MESSAGING: I am able to participate in text-based questionnaires.	87 ✓
33%	TELEPHONE: I am able to call in to participate in a virtual event.	67 ✓
2%	Other	4 ✓

204 Respondents

Who else should be involved?

Landowners where DEQ and RCA allow access for stream monitoring

2 months ago

[15 Agree](#)

Piedmont Master Gardeners and Master Naturalists could be useful partners.

2 months ago

[12 Agree](#)

Landowners, Rivanna Conservation Alliance (likely already are), CBF

2 months ago

[9 Agree](#)

Wild Virginia, Sierra Club, League of Conservation Voters

2 months ago

[7 Agree](#)

Piedmont Landscape Association, University of Virginia Environmental Health & Safety

2 months ago

[3 Agree](#)

Charlottesville Regional Environmental Education Council, Virginia Association for Environmental Education, Local schools both public and private, Cultivate Charlottesville, Environmental Justice groups.

2 months ago

[2 Agree](#)

Wild Virginia, Nature Conservancy and Sierra Club

2 months ago

[2 Agree](#)

CATS officials Charlottesville Area Tree Stewards

2 months ago

[2 Agree](#)

Piedmont Environmental Council, Virginia Outdoors Foundation

2 months ago

[2 Agree](#)

Rivanna River Company, Rivanna Conservation Alliance, Thomas Jefferson Soil and Water Conservation District, Piedmont Environmental Council, VDEQ, UVA

2 months ago

[2 Agree](#)

Any development that has Albemarle County Storm water facilities that are regularly inspected and the older developments that DO NOT have SWF's.

2 months ago

[2 Agree](#)

Fishermen - there is a great group of anglers in the County (can't remember entity but when I worked at RWSA we talked to them about the Moorman's River)

2 months ago

[2 Agree](#)

James River Association, river outfitter business owners

2 months ago

[2 Agree](#)

Can you invite/include local business (Lowes, Home Depot, garden nurseries, etc) that impact how easy/difficult it is to mitigate negative impact to water quality based on how they market and sell their products in the community?

2 months ago

[3 Agree](#)

virginia farm bureau reps

26 days ago

[1 Agree](#)

Virginia Farm Bureau

26 days ago [1 Agree](#)

Virginia Department of Health, Office of Drinking Water source water protection program; Regional Department of Environmental Quality office; Virginia Department of Forestry, Va. Dept of Conservation & Recreation; planning district commission; soil & water conservation district; local health department as it relates to onsite sewage system installation; local builder association.

27 days ago

[1 Agree](#)

James River Association
Rivanna Conservation Society
Thomas Jefferson Trout Unlimited
Virginia Department of Forestry

one month ago

[1 Agree](#)

Thomas Jefferson Soil & Water Conservation District, Hirschman Water & Environmental

one month ago

[1 Agree](#)

James River Runners and James River Reeling and Rafting in Scottsville, CSAs like Bellair Farm, Triple C camp

one month ago

[1 Agree](#)

Schools (especially high schools), UVA (they have a lot of technical capacity), County CACs, Community Centers (e.g. Esmont), Realtors and Developers

2 months ago

[1 Agree](#)

agencies who have close contacts with farmers and forestry owners, such as the FSA farm service agency (Louisa) and the SWCD who both offer guidance and cost share programs. landowners with stream banks should all be invited. a letter was sent last year thus there must be a list made.

2 months ago

[1 Agree](#)

Albemarle County Farm Bureau

2 months ago

[1 Agree](#)

Albemarle Farm Bureau

2 months ago

[1 Agree](#)

Ivy Creek Natural Area

2 months ago

[1 Agree](#)

Recreational hiking groups (PATC - Charlottesville chapter, Hike it Baby Charlottesville)

2 months ago

[1 Agree](#)

FARM BUREAU, Various hunt clubs (both game hunters and fox hunt clubs)

2 months ago

[1 Agree](#)

Fertilizer salespeople- their product directly affects streams and they are in a position to educate buyers on appropriate use of the product.

2 months ago

[1 Agree](#)

Crozet Trails Crew. Also, fertilizer salespeople because their product directly affects streams and they are in a position to educate buyers on appropriate use of the product.

2 months ago

[1 Agree](#)

Rivanna Master Naturalists

2 months ago [1 Agree](#)

Rivanna Conservation Alliance, James River Association, Friends of the Hardware, Virginia Trout Stream Sensitivity Study, Thomas Jefferson Chapter of Trout Unlimited

2 months ago [1 Agree](#)

Community HOA's who's communities are located next to streams and rivers and who's stream and watershed practices affect the rivers health. I am a resident of River Run community and our homeowners are very interested in the health of the Rivanna River as our development runs along the river.

2 months ago [1 Agree](#)

If possible, please send the contact information for your HOA to streamhealth@albemarle.org - the project team would love to contact as many groups as possible in the rural area!

one month ago

Chesapeake Bay Foundation, The Nature Conservatory Virginia Chapter, Sierra Club Virginia Chapter

2 months ago [1 Agree](#)

Virginia Naturalists

2 months ago [1 Agree](#)

High school student representatives should be included in the process

2 months ago [1 Agree](#)

Yes! We are in planning phases with area teachers to bring students into this process.

one month ago

Homeowners association's either formally or informally organized

2 months ago [1 Agree](#)

Homeowners' Association representatives, either formerly or informally organized.

2 months ago [1 Agree](#)

TJ Soil and Water Conservation District

2 months ago [1 Agree](#)

Virginia Master Naturalists, Rivanna Master Naturalists, Piedmont Master Gardeners

2 months ago [1 Agree](#)

The Town of Scottsville and other small localities within the County.

2 months ago [1 Agree](#)

Community groups, e.g. Crozet Community Association, and large development homeowner's associations.

2 months ago [1 Agree](#)

Southern Environmental Law Center, Piedmont Environmental Council, State Legislature Delegates, City Council members, County Board of Supervisors, etc

2 months ago [1 Agree](#)

PVCC and other educational institutions that may participate in installing landscape/water management projects (rain gardens, riparian buffer installations etc). as learning projects. Selected landowners may give access to these projects resulting in better management practices that may have not occurred without outside help.

2 months ago

[1 Agree](#)

Albemarle county public schools

2 months ago

[1 Agree](#)

Landowners, Piedmont Environmental Council, Rivanna Conservation Alliance, Southern Environmental Law Center, Wild Virginia, Sierra Club. League of Conservation Voters, League of Women Voters

2 months ago

[1 Agree](#)

USDA Natural Resources Conservation Service

2 months ago

[1 Agree](#)

Environmental Science Academy at WAHS

2 months ago

[1 Agree](#)

Experts in the community. No doubt there are people with all sorts of relevant expertise -- scientific, policy, legal, etc. -- in various departments at UVA, and PVCC too. Faculty and grad students. A concerted effort should be made to get them on board

2 months ago

[1 Agree](#)

No doubt there are people with all sorts of relevant expertise -- scientific, policy, legal, etc. -- in various departments at UVA, and PVCC too. The county should make an effort to get them on board.

2 months ago

[1 Agree](#)

-Frank V. Pohl, PE, CFM, County Engineer, Albemarle County, -Vincent D Pero, CIV USARMY CENAO (USA) U.S. Army Corps of Engineers, -Mike Myers, Civil Engineer, 30 Scale LLC, -Jessica Primm, Local Private Landscape Architect,

21 days ago

Mari Kelly

21 days ago

Debbie Hall, 1173 Buck Mtn Ford Ln, hihokie88@gmail.com

23 days ago

Farmers working with Thomas Jefferson Soil and Water Conservation District on Stream protection and buffers; and landowners working with The James Rive Association on riparian buffer planting. Two other important partners are PRISM, the regional invasive plant management initiative and the Va Dept of Highways in terms of their road drainage systems and crossings of streams.

24 days ago

White Hall Ruritan Club

26 days ago

James River Alliance, Chesapeake Bay Foundation

29 days ago

BPOA - Branchlands Property Owners Association

one month ago

2 months ago

ASAP

2 months ago

I forwarded the announcement to the Cville100 climate coalition for Charlottesville and Albemarle and we already have a representative to report to the coalition and a second Workgroup member, both of whom have streams on their property and a high degree of volunteer leadership in climate organizations.

2 months ago

2 months ago

Jill Trischman-Marks, Executive Director, McIntire Botanical Garden. Although the Garden is within the City, a stream restoration project is slated to take place there. The Garden is planning a Stream Restoration Public Education program.

Chris Gensic, Trails Mgr for City Parks & Rec. City and County should coordinate and cooperate on water issues.

Ivy Creek Foundation

University of Virginia Environmental programs and Morven

Farm Bureau

Piedmont Environmental Council

Cultivate Charlottesville

2 months ago

What did we miss?

This program needs to be shared with homeowner associations in the rural and urban growth areas. Mountain Valley Subdivision one example of rural homeowners association with several lakes, drop inlets, streams etc.

2 months ago

[10 Agree](#)

If possible, please send the contact information for your HOA to streamhealth@albemarle.org - the project team would love to contact as many groups as possible in the rural area!

one month ago

Would love to volunteer to plant trees!! or clean up rivers/streams. Also I would like to understand how indigenous people respected/held ceremony/otherwise respected our waterways. Which tribes where here in our watershed, etc.

2 months ago

[7 Agree](#)

Indigenous tribes are still here, we need to not speak about them in the past tense as it is an erasure of any member currently enrolled in the Monacan tribe.

2 months ago

[3 Agree](#)

On my property, I have a year round stream, 2 storm water drains (from rt.20) and more than 5 underground streams, intermittent streams or natural springs. Educating and supporting homeowners like myself about how to manage these and offer resources to private landowners adds "ownership" and accountability to the region's water quality. Stream assessments on private property and access to selected plant materials (on a scale to manage stream beds, rain gardens etc. at a discount) would assist in private management of water sources.

2 months ago

[6 Agree](#)

Agreed. I have a very similar property, and agree with your comment.

2 months ago

Agreed. I have a very similar property, and agree with your comment.

2 months ago

Tree planting would be a great event for our Sierra Club members. With the County coordinating between local groups and landowners, there are opportunities for tree planting events that we could assist with.

2 months ago

[3 Agree](#)

Charlottesville Area Tree Stewards

2 months ago

[3 Agree](#)

Many of the pastoral views in the county are that way because of cattle farmers. Many are small time operators that would be put out of business by overburdensom regulations. These farms will likely become subdivisions if that happens. The county has a piece of code called "the rural preservation development" that allows Northern virginia type cluster developments virtually anywhere in the rural area. Helping farmers to keep their farms is the only way to prevent this from happening. Cows need water that isn't subject to power outages or other mechanical failure.

26 days ago

[1 Agree](#)

Developers that are tearing down Albemarle County need to be aware of this. Especially the new development being constructed just north of the Rivanna going north on 29. Cutting down every tree in sight is a real tragedy for both water quality and aesthetics.

2 months ago

[1 Agree](#)

Workshops or educational materials about how to establish raingardens to deal with run-off would be helpful.

2 months ago

[1 Agree](#)

Programs/educational materials about establishing raingardens to manage runoff would be helpful.

2 months ago

[1 Agree](#)

There should be funding in the county and city budgets to fully fund Meaningful Watershed Educational Experiences programs in 4th, 8th, 12th grade as outlined in the Chesapeake Bay Agreement with a variety of program providers pulling together. A full-time environmental education coordinator position should be created in County Parks & Rec and funding roving naturalist to help

support learning.

2 months ago

[1 Agree](#)

High school students should be included in this process

2 months ago

[1 Agree](#)

I'd like to learn more about how to certify my 6 acres as a wildlife habitat perhaps encouraging my neighbors to join in the effort. (6-10) acre lots. Half the properties are wooded and adjacent to a substantial stream. Develop resources for small land holdings

2 months ago

[1 Agree](#)

I would like to find ways to involve K-12 students in this initiative, especially at schools where there are streams on the school grounds.

2 months ago

[1 Agree](#)

What to do when you see erosion or pollution on public land and how to report it to the proper authority.

2 months ago

[1 Agree](#)

Piedmont Master Gardeners and Master Naturalists could be useful partners.

2 months ago

[1 Agree](#)

Add SPCA and dog owners to the list. The Roanoke "Scoop the Poop" campaign for water quality has been popular.

2 months ago

[1 Agree](#)

I'd love to see more information about conservation easements for rural landowners.

2 months ago

[1 Agree](#)

As we walk along the Rivannah, there are so many invasive species and vines strangling the existing trees. Are there work parties that can start to clean those up or at least cut the base so they stop growing? It will have to be done in phases.

2 months ago

[1 Agree](#)

As Manager of Food and Agriculture Programs for the International Rescue Committee in Charlottesville, I manage community garden properties, some of which border streams. I seek plant species recommendations and resources for protecting and stewarding the riparian corridors within my purview.

2 months ago

[1 Agree](#)

Paw paws!

2 months ago [1 Agree](#)

Please do not forget that not that long ago bison and elk played a critical role in riparian ecosystems. They were here in large numbers at one time. Their presence played a very positive role in the riparian environment by opening up pathways for other species to be able to utilize the aquatic resources. If one takes time to observe the interaction of domestic livestock, especially cattle, with riparian environments, you find that in a rangeland environment cattle play a very positive role. Their pathways provide trails for other species to get to and from the water. For example, Great Blue Herons, Green Herons, and Kingfishers need to be able get to a stream in order to feed on the minnows. I see minks near the streams at my place and I believe that cowpaths must be helpful to them as well. Butterflies of many types, dragonflies, and damselflies are often numerous around livestock trails that lead to the water. Your educational video mentions bacteria in the water. Please do not forget that bacteria are a naturally occurring thing in water and are an integral part of that ecosystem. Riparian habitats do far more than merely serve as buffers for urban drinking water supplies. Stream exclusion fencing has its place and can serve a useful purpose, but touting it as a BMP in all cases is just flat out wrong! Nothing could be more un-natural to a riparian ecosystem than to restrict access to wildlife in this way.

7 days ago

I received the postcard sent recently by the Stream Health Initiative. It is a good thing that you are reaching out directly to property owners, and you are correct that we have a stake in the process, one that has unfortunately been largely ignored in the past. You are tackling a very complex issue. Voluntary programs that contribute to improved water quality are good ideas. Every property owner has a unique situation. It is a very bad idea to try to use a "one size fits all approach" and enact mandatory policies that could put some farm owners out of business.

7 days ago

All of the suggested groups for "Who should be involved" are helpful, but businesses/foundations/councils are not exactly the people who live in rural Albemarle County. If there is any chance of preventing trash from entering our waterways, the folks who live and drive in this area need some real outreach and education to stop throwing trash out the window. I know this seems like it may fall under "the public," but I really mean targeting the country, backwoods folks, maybe even hunters(?). The people whose families have lived here for generations.

11 days ago

1.) Are there existing partnerships between land owners and sanitary fill sites where landowners can deposit flood refuse for free? After each flood much human debris ends up in the stream and on the banks. None of this belongs to the landowner but we do pick it up and bag it. Getting rid of bottles, cans, plastics, auto-parts, board w/ nails, wire fencing, junk in general, has always been a hassle to get rid of. 2.) Are there any companies out there that specialize in the removal of seriously large 'Log-Jam-Dams'? These log jams increase erosion and collect natural & human debris which alter the course of the stream and aid in removing additional trees creating additional log jams or making the existent log jam larger.

21 days ago

1.) After each high water or sever flooding event along my property I pick up endless amounts of trash and bag it. Are there any partnerships with local/county sanitary landfills in which land owners can deposit their refuse found in the stream (that does not belong to the landowner), i.e. bottles, cans, tires, wire fencing, plastic bags, farm & automobile parts, boards w/ nails, junk in general that is found in the stream after flooding that has been picked up ready to transport to the dump for free? 2.) Is there any information regarding the safe removal of 'Log Jams/Log Debris Dams' in the stream or are there a companies in the area that specialize in removing land owners log jams and perform bank repair? I usually do this on my own but do not know if such an outfit exists. Thank you.

21 days ago

The Lynch River runs through my property. Cattle are fenced out and stream banks are protected. I am primarily concerned about the outrageous amount of trash that people upstream throw into the river and alongside the highway (Simmons Gap Road).

24 days ago

With this increase in education and engagement of individual property owners, HOAs, etc. about what damages streams and what can make them healthier, I would expect that reports of violations of existing rules will increase. I would also expect a more educated public to increasingly call for closing of loopholes in what is considered to be a violation of rules intended to protect streams. So, along with increased flow of information about the challenges to stream health, it would make sense for the county to demonstrate that it will increase its capacity to respond to reports of violations and increase its willingness to address loopholes. -Leigh Ann Carver

25 days ago

The stream that runs thru our property and is crossed by Route 723 Sharon Road - has a huge tree or two near the "bridge" that has fallen into the stream due to the wet conditions. Who is responsible for those trees to be removed? And the culvert near that bridge needs replaced it is clogged and overflows the road and dumps silt and gravel and such into the stream.

25 days ago

I am the landowner and my son is the farmer. We participate in the Virginia Extension Agency's Water Quality Agreement Program. It's an excellent program and certifies us as participants. They provide a 'seal' for display on the farm website, and they visit periodically for inspection and to provide assistance as needed.

26 days ago

Use Rivanna Master Naturalists instead of the statewide organization,

26 days ago

My 23 acres of wooded land is just south of the source for Hog Creek, which subsequently runs south about two miles into Rock Fish River. I keep the land vacant, with only limited use for camping. It supports wildlife including doves, crows, hawks, beaver, deer, and an occasional bear. There are no plans to change its use, and it should remain optimal for water quality.

27 days ago

In Branchlands Retirement Village:

1. Dealing with aging, over-sized trees - hazardous if falling, hazards when trimming/removing.
2. Danger of trees planted in an earthen dam - once trees die and roots shrink, the usefulness of dam is negated. Flooding ensues.
3. Neglected aging pond filled with run off waste, etc. eventually needs cleaning out.

one month ago

Why are minimum 100 foot stream buffers (including seasonal streams) not required for all construction and agriculture?

one month ago

Unsure at this time

one month ago

Let's improve our water quality for humans, wildlife and the planet in general!

one month ago

My email address is scottziemer2@gmail.com

Please let me know how I can help. I participated in the first presentation but have not heard from you. Scott Ziemer

one month ago

It might be useful to send all respondents, especially those who volunteered to be ambassadors, a list of all groups/organizations you have already identified as entities that should be involved. It might eliminate redundancy and remind someone of an entity that is not yet on the list.

one month ago

Love to volunteer and so would my 13 year old

one month ago

2 months ago

Please provide action steps and hands-on volunteer opportunities, not just educational materials. Work with existing community groups to support more outdoor volunteer work days. Create specific materials and events for student engagement and share them with local high schools.

2 months ago

I have had no luck getting anyone to take any responsibility for the horrible erosion that my property has endured due to the massive amount of storm water that is coming out of the undredged Lickinghole Creek Sedimentation Basin.

2 months ago

Would like to understand what coordinated activity can occur among the Rivanna Conservation Alliance, James River Association, Friends of the Hardware, Virginia Trout Stream Sensitivity Study, Thomas Jefferson Chapter of Trout Unlimited

2 months ago

How developers are dumping water into culverts that are accessing our streams such as Lickinghole Creek.

2 months ago

I am a landowner with Lickinghole Creek running through my property. Across the creek are agricultural fields that were cleared and planted in the last 5 years or so. I would like to learn how the creek water quality might be affected by agricultural run-off, to regularly monitor it, and for experts to advise myself and the neighboring landowner on what to do to improve water quality.

2 months ago

More information: Who is on the "stakeholder work group"? What exactly is the time commitment? What is the connection between this effort and the DEQ's South Rivanna TDML study? Some vitally important info is missing. You need to provide more context. E.g., if 56 % of county streams studied are impaired, what % of county streams were studied? How good is the sample? What are the trends? What % of streams (studied, etc.) have been impaired in the past? What correlations have been established between development and stream impairment? Etc., etc.

2 months ago

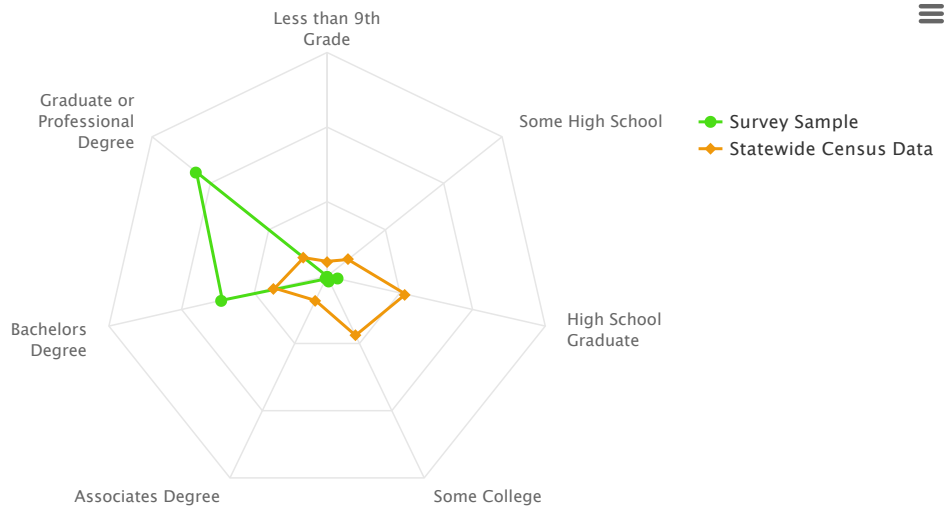
Clean up activities or days to pick up rubbish around the water bodies

2 months ago

Let's stay in touch! Please complete the following if you want to stay informed about participation opportunities and project updates.

No data to display...

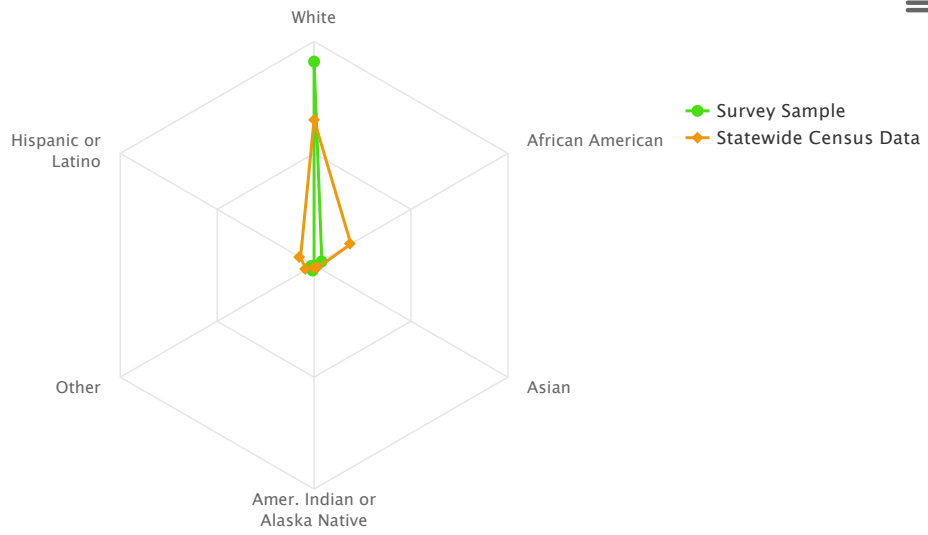
What is your highest formal education level?



What is your gender?



What is your race/ethnicity?



What is your age?

