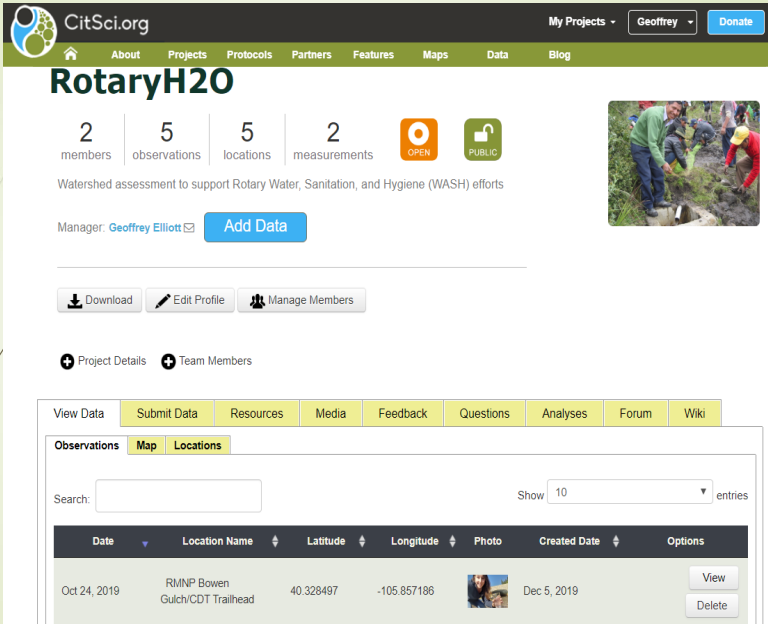


## Rotary Club of Conifer

RotaryH2O Level 1 Assessment  
Citizen Science User's Guide V1.1  
on [www.CitSci.org](http://www.CitSci.org) – Show us your  
Water!

Prepared by  
Geoffrey Elliott, MSc., Rotary E-Club for WASH  
February 22, 2020

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## RotaryH2O

2 members | 5 observations | 5 locations | 2 measurements

Watershed assessment to support Rotary Water, Sanitation, and Hygiene (WASH) efforts

Manager: Geoffrey Elliott [Add Data](#)


Download Edit Profile Manage Members

Project Details Team Members

View Data Submit Data Resources Media Feedback Questions Analyses Forum Wiki

Observations Map Locations

Search:  Show 10 entries

Date	Location Name	Latitude	Longitude	Photo	Created Date	Options
Oct 24, 2019	RMNP Bowen Gulch/CDT Trailhead	40.328497	-105.857186		Dec 5, 2019	View Delete

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Observations **Map** Locations

Search:  Show 10 entries

Date	Location Name	Latitude	Longitude	Photo	Created Date	Options
Oct 24, 2019	RMNP Bowen Gulch/CDT Trailhead	40.328497	-105.857196		Dec 5, 2019	View Delete
Mar 22, 2018	Makueni old, Kenya	-1.82543	37.28812		Feb 10, 2020	View Delete
Mar 20, 2018	Kibera, Nairobi, Kenya	-1.31375	36.78284		Feb 10, 2020	View Delete
Mar 20, 2018	Wildbeast EcoLodge	-1.32712	36.7551		Feb 12, 2020	View Delete
Feb 20, 2013	Malingua Yaku	-0.82241	-78.84995		Feb 12, 2020	View Delete

Showing 1 to 5 of 5 entries Previous 1 Next

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Observations **Map** Locations

Map Satellite

Legend

- Project Headquarters
- Single Observation
- Many Observations

Search by Location Name:

Example: Site 1 Search

Reset Map

Map data ©2020 Terms of Use

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## RotaryH2O: What?

- A watershed rapid assessment tool to enable citizen scientists of all ages to contribute to water, sanitation, and hygiene (WASH) projects world-wide
- Keeping it real simple for now
- Take photos of your water and surroundings (selfies welcome)
- Post on RotaryH2O project on [www.citsci.org](http://www.citsci.org)
- We can add more technical detail as project teams are able

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## RotaryH2O: Who?

- Rotarians working to engage our next generation of water, sanitation, and hygiene (WASH) professionals
- Rotary project partners at home and abroad, supporting and in-country teams
- Student citizen scientists, their teachers, and other mentors
- WASH project managers interested in learning more about local conditions and people involved in community and watershed assessments

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## Rotary H2O: How to start?

- Join CitSci.org on [www.citsci.org](http://www.citsci.org) – its Free!
- Search under “Projects” for “RotaryH2O” and sign up, its open to the public
- You can see what’s already been entered under the “View Data” tab then “Observations” and “Map” tabs
- New observations can be submitted under the “Submit Data” tab

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## RotaryH2O: Collecting Field Observations?

Need:

1. Notebook and pencil, or mobile device
2. Camera

Level 1 Observations – Keep it Simple

1A) Brief Site and Project Description

Location name

GPS latitude + longitude as best you can – phone grade GPS ok, or find location on map or Google Earth

Who is monitoring and why?

1B) Photos (3-4): Show us your Water!

1. Someone with water in clear container
2. Where you collected it
3. Surrounding watershed
4. Other photo relevant to your project

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### RotaryH2O: Show us your Water! Example Photo 1) Water in clear container




[www.kawuneechegroup.com](http://www.kawuneechegroup.com) in Colorado River Headwaters  
Rocky Mtn National Park, Colorado

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### RotaryH2O Example Photo 2) Where she collected the water



[www.kawuneechegroup.com](http://www.kawuneechegroup.com) in Colorado River Headwaters  
Rocky Mtn National Park, Colorado


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## RotaryH2O Photo 3) Her watershed setting



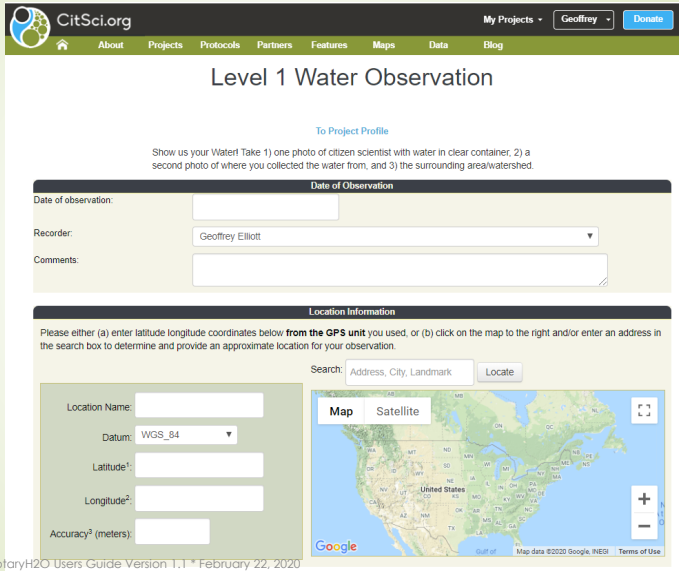
[www.kawuneechegroup.com](http://www.kawuneechegroup.com) in Colorado River Headwaters  
Rocky Mtn National Park, Colorado

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## Rotary H2O: "Add Data" Tab



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### Level 1 Water Observation

[To Project Profile](#)

Show us your Water! Take 1) one photo of citizen scientist with water in clear container, 2) a second photo of where you collected the water from, and 3) the surrounding area/watershed.

**Date of Observation**

Date of observation:

Recorder:

Comments:

**Location Information**

Please either (a) enter latitude longitude coordinates below from the GPS unit you used, or (b) click on the map to the right and/or enter an address in the search box to determine and provide an approximate location for your observation.

Search:

Location Name:

Datum:

Latitude:

Longitude:

Accuracy (meters):

Map Satellite

Google Map data ©2020 Google, INEGI Terms of Use

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## Rotary H2O: Document Observations in [www.citsci.org](http://www.citsci.org) ?

### “Add Data” with some pointers

- Date of Observation: drop down calendar
- Recorder: should be list of everyone signed up for project
- Comments: Identify your group and water project, why you are monitoring, photographer name and who is in photo
- Remember everything can be edited later!

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## Rotary H2O: Document Observations with Some pointers:

- Location Name: Give good descriptive name
- Datum: not that critical at our scale
- Latitude and Longitude: If possible, find site on the map or Google Earth, nearest town OK to get started we can fine tune later
- Photos: at least one, three best (see details below), no more than four
- Remember everything can be edited later!

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## RotaryH2O: When?

- 1) Anytime you want to document water conditions and surrounding watershed
- 2) WASH into Watersheds Blitz
  - Start March 22, 2020 (World Water Day)
  - End April 22, 2020 (Earth Day 50<sup>th</sup> Anniversary)

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## Project Contacts

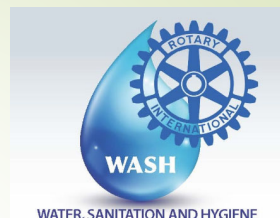
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RRCC Intern Team Coordinator: \_\_\_\_\_ ?



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