

## January 25th, 2018

Agenda: First interview with SME

Meeting start time: 5pm

Meeting end time: 6pm

Absent: One grad student

Blue Thumb Reps: Kim, Karla, Jean

### Minutes:

1. Asked about Blue Thumb.
  - a. 319 thumbs
  - b. States water requirements
  - c. Citizen education
  - d. Field test kits
  - e. Invertebrates twice a year
  - f. Kim goes through sheets
  - g. Karla enters into database
  - h. Adobe forms (Jean creates)
2. Dream app
  - a. Record lat and long
  - b. Enter data into the app
  - c. Send to Blue Thumb
  - d. Geo-referenced photo
3. Info about form
4. Volunteers
  - a. Wide range of ages and knowledge
  - b. So cool
  - c. Care about water in stream
  - d. Wadeable streams
  - e. Training
    - i. In-person
    - ii. Ecology and water quality issues
    - iii. Paper sheets and YouTube
    - iv. Taken out to stream for slow walkthrough of testing
  - f. Hope most volunteers will use it
  - g. Most are computer savvy and have cell/tablet
5. Blue Thumb Data sheet digitized
6. Bacteria (summer only), not needed
7. Csv file imported into database
8. Aqwns (sp?)
9. Data collection time consuming
10. Testing kits (dissolved oxygen, ph test, phosphates, etc.)
  - a. Will be sent

11. Need to know they're Blue Thumb volunteers
  - a. Want volunteers entering data first
  - b. Geolocating streams, anybody second
12. Who is Blue Thumb and who isn't?
13. Took months to get everyone using it correctly
14. Basic IT issues
15. Word of mouth and online
16. Streamline process of collecting and adding data
17. No one test that is constantly an issue
18. Color change, confused about drops vs calculation
19. Low vs med vs high range tests
20. Karla maintains access database
21. Receiving: columns, info about test kits, csv file, training materials, data sheet, info about stream qualifiers (ask for this, if not sent)
22. Bofurt (sp?) scale, moved up one
23. Stream, normal = base full (5), <4 is a stream suffering, 6< is high
24. Might want pictures of foam (if extraordinary only)
25. Wants pictures of stream every time they visit
26. Continuity has not changed much in decades
27. Agreed to send source code at the end for any future changes
28. Tuesday at 5pm next meeting (time flexible)