

Attendees:

In person:

TDEC: Regan McGahen, Jennifer Dodd, David Duhl, Stephanie Durman  
HRWA: Dorie Bolze, Jim Redwine, Dan Fitzgerald  
SELC: Annie Passino

On conference line:

EPA: Amy Feingold, John Davis, Amanda Howell  
Franklin: Mark Hilty, Michelle Hatcher  
APSU: Jeff Lebkeucher  
CRC: Jed Grubbs  
USGS: Reed Green  
Metro Nash: Michael Hunt  
Williamson Co: Michael Scott  
CDM: Zach Daniel  
Other: Mike Vaughn

## INTRODUCTIONS

Map Review:

- Stakeholders expressed interest in monitoring at the last meeting
- Map was sent out to group prior to call
- TDEC monitoring locations identified by EPA (Tim Wool) as sites that lack data
- Sites numbered 1-10 on map for ease of communication at meeting

Data Preferences (Tim Wool)

- IDEALLY – weekly samples at each location during growing season (Growing season = May until October)
- Minimally - monthly samples at each location
- Parameters - N series, P series, DO, BOD, pH and Chlorophyll-a

## DISCUSSION:

Dorie: HRWA has \$15,000 to spend on monitoring; Franklin has \$150,000 to spend from settlement

- HRWA plans to spend the money on algae studies
  - Plan to contract with Jeff Lebkeucher
  - Periphyton biomass
  - P in periphyton
  - C and N
- John: Can use the data for the model run
- Jeff: Can collect water column samples every two weeks and periphyton monthly for 4 months
- Dorie: Is DO useful, given diurnal DO swings?
  - John: Yes. We can use it with chl-a to calculate DO consumption
- David: Do you need flow?
  - John: Yes
  - Jeff: Yes, I can do this

Jenny: Is Franklin doing any monitoring at these sites?

- Mark: Yes, monitoring, but not sure where or for what
  - Possible to move monitoring sites to accommodate this study/Need to check staffing & logistics
- John: Need to coordinate so all sampling events roughly coincide
  - John: OK to start some now (Franklin) and add others later (Lebkeucher in July)

## ACTIONS ITEMS:

- HRWA:
  - Work with APSU to get work plan and contract together
  - Develop monitoring proposal and send to stakeholders
  - Report on cost
  - Contact USGS
- Franklin:
  - Report on location and frequency of sites they can commit to
- Metro:
  - Look at Little Harpeth River (#4) to see if they can monitor there
  - Researching cost for frequency and duration required
- TDEC:
  - Contact water Authority of Dickson County about monitoring at Jones Creek
  - Connect with Bruce Meyer (Cartwright Ck /Berry's Chapel)
  - Compile notes for this meeting and distribute
  - Send GIS shapefile of 10 monitoring sites to group
- ALL:
  - Report back to Regan McGahen ([Regan.McGahen@tn.gov](mailto:Regan.McGahen@tn.gov)) by June 9.
  - Plan to meet again in person or by e-mail on June 15.