

Meeting Summary
Water-CAT Progress and Clarification
Monday, June 20, 2016
9:30 am - 1:30 pm
USF Conference Rm. 301

1. Third-year post-mortem & future strategies

Kudos to USF Discussion addressed using 2014-2016 Google Analytics results to inform Water-Cat priorities, identify gaps, and strategize future actions.

 - a. Publicize the Water-CAT using technology, including:
 - i. Kate will request that Water-CAT has a more visible presence on the DEP and/or DEAR webpages.
 - ii. Kate will request that Council members, STORET and non-STORET providers have a high-visibility, direct link to the Water-CAT on their webpages.
 - b. Redesign Water-CAT homepage to include more information about high-interest areas (IRL, Lake O, LSJ), as well as provide information on nos. of stations, organizations, etc. on the Water-CAT homepage.
 - c. Anytime we receive a request for Water-CAT data, determine how public heard about Water-CAT.
2. Fourth-year priorities
 - a. 2016-17 DEP priorities are to provide the following metadata for inclusion in the Water-CAT:
 1. GW and springs data not in STORET
 - i. These will be pulled from GWIS and the separate special projects springs db.
 2. Bioassessment metadata (SCI, LVI, LVS, RPS, HA)
 - i. Given that TMDLs and NNC include a biological component, it's critical to have biological monitoring metadata as part of the Water-CAT. DEP-conducted bioassessment data can be pulled from SBIO; however, several counties and independent contractors also conduct these assessments, which are provided to DEP via an ftp site. *NOTE: The Watershed Assessment section is designing a template to load these into STORET for easy access. Projected completion date: 3 months. Nia W. will also send Kate a list of these bioassessment providers.*
 3. Aquatic Preserves (other than Charlotte Harbor) this project was nearly completed and needs to be updated.
 - b. Identifying gaps in metadata already in Water-CAT
DEP needs to check, and send modifications in for its metadata. These include Status & Trend Networks, Strategic Monitoring, District projects, special projects, and the like. Check includes project descriptions, stations, POR, monitoring frequency, parameters, station locations, URL, etc. (for example, the Trend Network contains 619 parameters, which is erroneous).

For priority organizations, USF can conduct a gap analyses to identify the projects that are incomplete in terms of stations, analytes, and other necessary metadata.

- c. Accommodating biological metadata
 - 1. USF has been assigning themes to projects: these are being assigned by USF, and can be changed by data provider upon login.
 - 2. Added *oyster* to keywords
 - d. Crosswalk for STORET, WIN, USGS x,y,z datum methods: there is some uncertainty about the requirement of using datum methods. Kate will review early Catalog workgroup summaries
 - e. Leveraging Water-Cat and Terra-CAT: *FWC meeting in June discussed this leveraging.*
 - f. Status of User Login and Editing System: system is in beta now; will allow users to edit projects, add stations, perform other housekeeping functions.
 - g. Notification system to data providers: gets triggered when metadata don't make sense (e.g. start data is later than end date, lat/long is in Siberia, county station is in another state, etc.)
3. Upload schedules & issues
- a. WMDs: Kate will contact Chris Mundy of SJRWMD and Brain Turcotte of SFWMD
 - b. FWC: Kate will discuss fresh water fish/WQ sampling project (Jason Dotson) with FWC, and talk with Amber concerning marine water quality data.
 - c. USGS: Kate will re-establish communication with Dave Sumner, Lutz USGS office, to complete project/station assignment.
4. Other Phase II-III issues needing resolution
- a. Ditches being monitored under MS4s that are not considered waters of the state. Kate will discuss with MS4 staff.