

Florida Water Resources Monitoring Council

Continuous Monitoring Workgroup Meeting Summary

Meeting Date & Time: Tuesday, June 27, 2017

3:00 – 4:00 pm

Location: Teleconference/Webinar

Teleconference: 1-888-670-3525, Participant PIN: 511-706-2548#

Webinar Registration: <https://attendee.gotowebinar.com/register/6814633814177097218>

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Roll Call –Carolyn Voyles

1. Welcome – David Hornsby

2. DEP's CM Spreadsheet – Kate Muldoon

Kate indicated that Dr. Mark Hoyer (UF IFAS/Lakewatch) had made arrangements for the spreadsheet to be posted on the Florida Lake Management Society's (FLMS) website. Jessica Mostyn, Chair of the DEAR Continuous Monitoring Workgroup, responded that she needed to make one more correction after

receiving an update from one of the agencies earlier this month; after completion, Kate will send it to FLMS for posting.

Action Item: Jessica M. will make requested correction to the spreadsheet

Action Item: Kate will send the spreadsheet to FLMS

3. WIN rollout & CM data – Denise Miller

Denise Miller announced that WIN Phase 1 has been completed for about a month. By August 2nd, she will have a final set of reports available in WIN. She is now committed to focusing on training data providers from across the state in using WIN. This will be done in a few locations around the state or via webinar.

WIN Phase 2 will include continuous monitoring datasets. DEAR is testing datasets in Aquarius. She hopes to receive datasets from other agencies to assist in analyses. Later this year, an RFP will be released for Phase 2 analysis, design, construction, and deployment.

4. Ad Hoc Destiny: Do We Address Other CM Issues? – Kate Muldoon

Kate facilitated a discussion addressing the question of whether the CM Workgroup wants to continue with additional projects or products. She asked the workgroup whether any new CM needs had arisen since the January 2015 Council meeting on CM issues, or if any previously-identified gaps would be appropriate for this workgroup to tackle. Since there were no responses, she presented a brief overview of CM resources (see attached), such as quality assurance guidance, data elements, SOPs, and sonde evaluation developed by the NWQMC's Aquatic Sensor Workgroup, the USGS, the Alliance for Coastal Technology, and Florida-specific information collected by the DEAR CM Workgroup to provide context. Jessica M. indicated that later this year, the DEAR CM Workgroup will focus on addressing metadata elements for integration with WIN. Robin Speidel requested assistance with developing QA processes using Aquarius. Margaret Guyette noted that SJRWMD has Aquarius, and that it accommodates USGS automatic corrections. Lauren P., SJRWMD, reiterated that getting the data into Aquarius is not easy, but Aquarius is valuable. Ed Chelette indicated that Aquarius is light years ahead of anything that NFWMD has used in the past. Carolyn requested to know what Aquarius doesn't do: Margaret responded that it doesn't accommodate corrections for chl-a, FDOM, or nitrates (data from SUNA). Can hand enter data, but with 3 yrs. of data. Challenging how to get field measurements a& calibrations into AQ in an efficient manner. Denise connected Aquarius with STORET to load stations. Upload CM data from ROCs, start QA process.

Kate indicated that the perhaps the DEAR CM workgroup would like to talk quarterly with the CM workgroup. Jessica indicated that the DEAR workgroup is still being created, and will address data management with QA.

Kate questioned whether the workgroup should continue, or be disbanded. The response was that the workgroup should be disbanded. Robin S. has been reaching out concerning QA/QC and will continue to do so.

Kate indicated that we should report to Council that we have finished the mission. Dave, Ed, Trevor all agreed. Members will continue to communicate officially.

5. Concluding Remarks

David Hornsby thanked all workgroup participants for contributing time and expertise toward completing its project.