

Notes from 5/10/2017 Salinity Network Workgroup Meeting

In Attendance:

- NFWFMD (Tony Countryman, Edward Chelette)
- SRWMD (Tara Rodgers, Tom Mirti)
- Alachua County (Jim Hatchitt)
- SJRWMD (Don Boniol)
- SWFWMD (Steve DeSmith, Catherine Wolden, Granville Kinsman)
- SFWMD (Jon Shaw, Pam Lehr, Kim Hanes, Lucia Baldwin)
- DEP Coastal Office (Ann Lazar)
- FGS (Cindy Fischler)
- USGS (Scott Prinos)
- DEP WMS (Rick Copeland, Jay Silvanima, Stephanie Sunderman-Barnes)

Responses to questions concerning adding SW sites to CSMN

- NFWFMD = further internal discussion needed
- SRWMD & SWFWMD = further internal discussion needed; discussion needed between SalNet Wkgrp and main FWRMC
- SJRWMD = need more information about objective of proposed SW monitoring project(s)
- SFWMD = have SW monitoring sites available to add to network if needed
- DEP Coastal Office = have SW monitoring sites from NERRs available to add to network if needed

Responses to questions concerning monitoring fresh/salt water interface

- SFWMD = currently monitoring wells near interface, including wells with > 10ft open interval / screen; use DEP SOPs
- SWFWMD = currently monitoring wells near interface, including wells with > 10ft open interval / screen; use internal SWFWMD SOPs (can send link)
- SJRWMD = currently monitoring wells near interface, including wells with > 10ft open interval / screen; use DEP SOPs; like the idea of a new SOP, especially using thief sampler
- SRWMD = not actively monitoring wells near interface; uncertain of desire to monitor wells with > 10ft open interval / screen for this purpose; use internal SRWMD SOPs (can send link)
- NFWFMD = currently monitoring wells near interface, including wells with > 10ft open interval / screen; use DEP SOPs
- USGS = currently monitoring wells near interface; have a few wells with > 10ft open interval / screen but many have been replaced with short interval wells; use Kemmerer procedures described in USGS South FL study documents

Responses to questions concerning developing new SOP

- SFWMD = support developing new SOP; have concerns about how to use new procedure to sample very deep wells; have concerns that new procedure does not address upwelling within the well
- SWFWMD = uncertain if they support developing new SOP; have concerns similar to SFWMD's
- SJRWMD = further internal discussion needed
- SRWMD = support developing new SOP; have concerns that rate for lowering and retrieving bailer is too slow
- SRWMD = concerns that data collected using current methods would not be able to be compared to data using new methods (would not be able to look at changes over time); would like to see data from studies testing reproducibility of proposed method before giving full support
- USGS = support developing new SOP; will send links to South FL study and Lake Okeechobee Study; have data showing differences in data collected using new vs. old SOP; samples collected using old SOP are often not representative of conditions at the full well depth and will need to be qualified; propose changing rate of raising / lowering bailer to a few feet per second