SWAMP Roundtable Conference Call Notes

Date: Tuesday June 13 2023
Time: 9:00 AM - 11:30 AM
Location: Remote attendance only

Overview of Agenda items

Topic	Time
Welcome, Roll Call and Announcements	9:00 - 9:10
1. Monitoring Updates	9:10 - 9:55
2. SWAMP Data Flow: Planning, Sample/Collection Data, and Shells -- oh my!	9:55 - 10:25
Break	10:25 - 10:30
3. SWAMP Research Questions Brainstorm	10:30 - 10:45
4. OIMA/SWAMP Programmatic Updates	10:45 - 11:25
5. Meeting Wrap-up	11:25 - 11:30

**NOTES POSTED ON THE SWAMP WIKI SITE

WELCOME, ROLL CALL AND ANNOUNCEMENTS	ASSIGNED TO: All	TIME: 10 MINUTES FROM: 9:00 AM – 9:10 AM
Purpose:	Welcome, roll call and announcements	
Desired Outcome:	Informational	
Questions & Discussion:	See slides 1 - 3	

1. MONITORING UPDATES	ASSIGNED TO: All	TIME: 45 MINUTES From: 9:10 AM – 9:55 AM
Purpose:	Standing item for updates from statewide and regional SWAMP monitoring projects.	
Desired Outcome:	Informational	

Questions & Discussion:	Statewide Monitoring Program Updates
	● Bioaccumulation - See slides 5 - 6
	  ○ *Q:* At the Apr STEW Meeting, OEHHA noted that Regional SWAMP Coordinators could let OEHHA know which waterbodies in their region are of high priority for fish consumption advisory development. Has there been any follow-up on that?
	    ■ Yes. At the Apr Meeting, OEHHA noted the need to update/correct their slides. That has been completed and updated slides have been posted on the Meetings webpage (see slides 12-22 and notes Item 4).
	    ■ **Action Items:**
	      ● **SWAMP Coordinators**: Review the corrected slides and email Anna if there are 2023 advisory development priorities you would like to be shared with OEHHA
	      ● **Anna Holder**: Circle back with OEHHA to coordinate annual priority feedback discussions and process.
	  ○ *Q:* Are these data visualized anywhere?
	    ■ YES! See the Safe to Eat Portal for data through 2017
	    ■ The SWAMP Data Dashboard team is also working on adding all SWAMP Bioaccumulation Monitoring Program data to the dashboard - we should be able to provide an update on the status of that at the next RT.
	● Bioassessment - See slides 7 - 9
	● FHAB - See slide 10
	● Toxicity and Contaminants - See slide 11
	● SWAMP eDNA Metabarcoding Monitoring and Analysis Project (SeMMAP) - See slide 12
	  ○ *Q:* Are there any extra kits left over? If so, R9 can run duplicate Jonah Ventures kits at sites where two other eDNA methods are being used?
	    ■ Yes! Exactly how many is yet to be determined.
	    ■ **Action Items:**	

	● **Lindsey Metz**: Complete assessment of how many extra kits are available and send an email notifying folks of how to get kits sent to them, if interested.
	
	Regional Monitoring Program Updates
	● R1 - See [slide](#) 13
	● R2 - See [slide](#) 14
	    ○ **Action Items:**
	        ■ **SWAMP Coordinators**: If you have experience sampling for chlorine, please contact Rebecca Nordenholt
	● R3 - See [slide](#) 15
	● R4 - See [slide](#) 16
	● R5 - See [slide](#) 17
	● R6 - See [slide](#) 18
	● R7 - See [slide](#) 19
	● R8 - See [slide](#) 20
	● R9 - See [slide](#) 21

2. SWAMP Data Flow: Planning, Sample/Collection Data, and Shells -- oh my!	Assigned to: Candice Levesque & Tessa Fojut	Time: 30 minutes From: 9:55 am – 10:25 am
Purpose:	To provide an overview of best data practices for SWAMP users by outlining the important elements of the dataflow process including, project planning, vocabulary requests, collecting Sample/Collection data, and using a shell for Sample/Collection data. We will also explain what Sample/Collection data is, how to collect/use it, and why it's so important to ensure data usability.	
Desired Outcome:	Information sharing	
Background:	There are several important components of the SWAMP dataflow process that are vital to maintaining quality and useful data. SWAMP IQ would like to refresh all SWAMP data submitters on what is expected and required of data collection, submission, and management. In addition to the slides, the team produced a quick-reference sheet (attached) that visually outlines required actions and tips throughout three phases of the SWAMP data flow process: Planning & Vocab, Collect & Record, Data Entry & Submission.	
Attachments and Homework	[SWAMP Data Flow Quick Ref Sheet](#) [SWAMP Data Flow Chart](#) [SWAMP IQ Wiki](#)	
Questions & Discussion:	See [slides](#) 22 - 38 ● *Q:* Approximately what percentage of data that SWAMP IQ is receiving does not have matching sample collection data? Or, what is the extent of the problem and the impact you all are currently experiencing because of mismatched or incomplete data submissions? ○ SWAMP IQ doesn't have an exact percentage on hand, but there are enough data submissions with the issue, which is resulting in significant backlogs and inefficiencies in loading, etc. All of that impacts SWAMP IQs ability to get data published and available for use in a timely manner.	

- *Q:* What is the process for correcting or updating COC information in the database?
  - If SWAMP IQ notices an error: they will reach out to the SWAMP Data Provider to confirm what corrections need to be made and then make the corrections accordingly.
  - If a SWAMP Data Provider notices an error: all they need to do is reach out to SWAMP IQ to let them know what should be corrected, and then SWAMP IQ will update as needed.
- *Q:* Do the shell databases have queries that people can use to review the data before they submit?
  - Folks can use the Shell Viewer Tool to view data that they have entered, before submitting it.
- *Q:* Are these slides and resources already posted somewhere?
  - No. But everything will be included in the SWAMP RT Notes (see above) and will be posted on the [SWAMP Data Submission Templates page](#) on the SWAMP IQ Wiki in the next day or so.
- *Q:* Can the checker tell you when there is missing or mismatched data?
  - It already does provide error reports - be sure to read the error reports when you receive them, and then correct errors as appropriate before submitting.
- *Q:* What is the expected (or recommended) frequency of submitting shells for data projects within a field season or before the field sampling is completed?
  - If you have time to submit sample collection data shortly after data collection (e.g. within a week or so), that is ideal. Beyond that, please submit within *3 months after collection* so those data can be ready to go for when lab results come in.
- *Q:* Is there any progress or plan to address the backlog of chemistry data (e.g. more staff, resources, etc.)?
  - Implementation of CEDEN 2.0 is the main plan. Unfortunately, things aren't moving as quickly as originally planned. Receiving additional resources outside of CEDEN 2.0 is unlikely. The current goal is to shift to CEDEN 2.0 for chemistry data in the next year.
- *Q:* Lab file submissions are not being batch submitted by the lab. Would that help increase efficiency?
  - Yes, but it's not feasible. SWAMP IQ puts batches together before they review.
- *Q:* When we submit data and then find out about lab issues later on (e.g. bottle was broken, unable to complete analyses, etc.), we were able to add notes to the comments section. Is there any way to add those notes to the database with the new process?
  - Yes! SWAMP IQ can still add comments to the database.
  - **Action Item:**
    - **Tessa Fojut** will think through how to implement that process and circle back with the most efficient / effective way to add said notes/comments.
- *Comment(s) from the chat:* SWAMP is working on a BCP, but it is limiting the analysis and recommendations to be solely about purchasing power and our contracting resources (i.e. it doesn't include PYs).

	● *Q:* Would it be helpful to scan the original field data sheets and submit them to SWAMP IQ?
	   ○ Data sheets themselves aren't submitted to SWAMP IQ or the labs, but the Sample/Collection data on them should be transferred to the COC and the shell.
	   ○ SWAMP Data Providers can keep scanned copies for their records, but SWAMP IQ will not review them.
	● *Comment from the Chat:* Thank you Candice for a good refresher on the general data flow process/steps. It would be really great to have a similar detailed description of the data verification process and steps that SWAMP-IQ follows, once lab data is submitted. That might help us (regions) if there are mistakes or issues that occur when data does not successfully upload

3. SWAMP RESEARCH QUESTIONS BRAINSTORM	ASSIGNED TO: Anna Holder	TIME: 15 MINUTES FROM: 10:30 AM - 10:45 AM
Purpose:	Develop a list of SWAMP questions or potential projects that we would publish and/or share with our CSU WATER partners so that they can share that with PIs and students looking for projects.	
Desired Outcome:	Obtain feedback from RT	
Background:	Anna has collaborated with Dr. Steve Blumenshine, the Interim Executive Director of CSU WATER, on a couple of SWAMP related projects since 2022, and was invited to present about SWAMP at the CSU WATER Annual Meeting in April 2023. Professors and students in attendance were interested in what SWAMP does and curious about the extent to which students could work on SWAMP-related projects for their courses, internships, capstones, or thesis projects. If we can give Dr. Blumenshine a list of projects, he can share them with students and professors working on water topics across all 23 CSU campuses and facilitate matching students to projects. During this item, Anna will provide more background on how we got here, review a form SWAMP Coordinators can use to share their question/project ideas, and answer questions.	
Attachments and Homework	SWAMP Questions & Project Ideas Form CSU WATER Website	
Questions & Discussion:	See slides 40 - 43 **Action Item:** ● **SWAMP Coordinators**: If you would like to add questions or projects ideas to the list, complete the form (it should take fewer than 10 min to complete per question/idea).	

4. OIMA/SWAMP PROGRAMMATIC UPDATES	ASSIGNED TO: OIMA	TIME: 40 MINUTES FROM: 10:45 AM - 11:25 AM
Purpose:	● SWAMP ● SWAMP IQ ● CEDEN ● OIMA Administration	

Desired Outcome:	Informational
Background:	Routine updates on SWAMP Program Management, SWAMP IQ, SWAMP Contracts, and CEDEN.
Questions & Discussion:	- SWAMP - See slide 45 (note that the slides weren't updated - key updates provided below) - SWAMP BCP: Will likely hear back on whether we can get to the next phase in the fall - will provide updates at future RTs - SWAMP IQ - See slide 46 - CEDEN - See slide 47 (note that the slides weren't updated - key updates provided below) - Working through CEDEN 2.0 quality control checks now. Actual timing for testing the system is still TBD. - OIMA Administration - See slide 48 *Q:* Which FYs are included in the Jun 30 Scope of Work (SOW) amendment deadline? - SCCWRP and ASC SOW and task-based budget edits for 23/24, 24/25, and 25/26 - **due Jun 30, 2023**

5. MEETING WRAP-UP	ASSIGNED TO: All	TIME: 5 MINUTES FROM: 11:25 AM - 11:30 AM
Purpose:	Review next steps, identify action items and wrap up meeting	
Questions & Discussion:	See slide 49	
Next meeting: **August 8 2023, 9am-12pm (virtual)**		