

CEDEN March 16, 2015 Workshop Questions

#	Organization	Contact	Question	Response
A1	City of Los Angeles Sanitation, Los Angeles County Sanitation Districts, Orange County Sanitation District, and City of Sand Diego Ocean Monitoring Program (So CA POTWs)	Shelly Walther	The California Ocean Plan requires that data be both SWAMP QA-comparable and CEDEN-compatible. How will data that is submitted to CEDEN be evaluated and verified to meet these criteria?	The data will be considered CEDEN compatible if it is in CEDEN. To be SWAMP QA comparable, the project must have and follow a quality assurance project plan that is approved by the State Board QA officer. Verification of SWAMP compatibility would rely, at least in part, processes outside of CEDEN.
A2	So CA POTWs	Shelly Walther	How would CEDEN data be checked for QA? Would they undergo the same rigorous QA process checks as data that were previously submitted directly to SWAMP?	No, CEDEN data do not undergo the same rigorous QA process checks as SWAMP data do. There are no CEDEN QA verification processes, except for the checks on format, vocabulary, and some business rules performed by the unified data checker.
A3	So CA POTWs	Shelly Walther	How will SWAMP and CEDEN interface?	SWAMP data are loaded to CEDEN and SWAMP staff will provide support to CEDEN.
A4	So CA POTWs	Shelly Walther	CEDEN templates do not currently encompass all of our monitoring data (e.g. water quality and upstream trash/marine debris). Please clarify whether we will eventually need to upload other data types such as raw or depth bin-averaged CTD readings, or trash /marine debris data to CIWQS or CEDEN.	While CEDEN does accept limited trash-related data, it does not do so to the extent implied by the question. Our focus for adding types of data that may need a new structure/template are on types used to assess water quality impairment, but the evaluation of how and when this will be done will be made with help from the User's Group, staff doing assessments, and the

				SWAMP and CEDEN teams.
B1	San Francisco Estuary Institute	Randy Turner	Is accepting continuous data in the plans and when might we expect this data to be accepted?	As indicated above, the priorities and design of accepting new types of data will be made with help from a variety of groups. In terms of continuous data, SWAMP is taking the lead in researching this. CEDEN will likely adopt the model that SWAMP develops.
B2	San Francisco Estuary Institute	Randy Turner	Are there alternatives that exist now for continuous data public storage options that are likely to be compatible with future uploading to CEDEN?	Two of the CEDEN Regional Data Centers accept continuous data. The final structure of what is built in CEDEN is unknown at this time.
C1	Nautilus Environmental	Violet Renick	What number should be entered for the MSD probability? Would it be the percent effect threshold? A statistical trigger? Or a programmatic trigger? Any explanation would be appreciated.	$MSD = d s_w \sqrt{(1/n_1) + (1/n)}$ <p>Where</p> <p>d = critical value for the Dunnett's procedure. s_w = the square root of the within mean square error (MSE). n_1 = number of experimental units in the control treatment. n = the number of experimental units per treatment, assuming an equal number at all other treatment.</p> <p>PMSD = (%MSD = 100 x MSD/control mean)</p>
C2	Nautilus Environmental	Violet Renick	Previously we were told to enter the default collection date for the laboratory control water as 1/1/1950. However the tested samples are typically collected a day earlier than the laboratory control water collection date. Has this glitch been fixed or will it be soon?	The business rule for LABQA samples for toxicity is that the sample date should be the date it was created in the laboratory. It must be equal to or before the analysis date of the control.

				The sample date of the environmental sample must be equal to or before the analysis date of the environmental sample.
D1	City of Davis	Josie Tellers	If CEDEN will be a repository for ambient receiving stream related lab results that can be extracted or imported from CIWQS, are the naming conventions for both systems the same? If not, is there a plan to standardize the naming convention to minimize double entry or preclude a conversion process (handshake) between the two?	We plan to create a crosswalk between CIWQS and CEDEN that contains any needed translators. For example, if CIWQS uses the analyte X and CEDEN uses the analyte x, the flow between them will convert X to x.
E1	Orange County Public Works	Mike Fennessy	What is your timeframe and what kind of outreach efforts will you be making to bring in Regional Board permitted agencies who are not yet providing data to CEDEN? We are interested in uploading our historical and current Municipal Separate Storm Sewer System (MS4) permit monitoring data points we have into CEDEN and becoming a collaboration partner.	We anticipate that MS4 permits will specify that data be submitted to the Stormwater Multi- Application and Report Tracking System (SMARTS) and that the Water Boards will create a data flow between SMARTS and CEDEN. We welcome submittal of historical data directly to CEDEN.
F1	Caltrans	Bhaskar Joshi	When do we expect to start working with one CEDEN site instead of multiple regional centers?	We will continue to work with the regional data centers in some form for the foreseeable future, though specific processes may change. For example, we will have a unified data checker in the next couple of months instead of each center having its own checker, and we will be trying to streamline the vocabulary request process so that requests go to a centralized location. Please contact Jarma Bennett (jarma.bennett@waterboards.ca.gov) if there are specific aspects of the CEDEN process that are of concern.

F2	Caltrans	Bhaskar Joshi	Will data on CEDEN automatically upload to SMARTS and vice versa so double work can be avoided?	We have begun the process of connecting SMARTS and CEDEN and hope to have that ability by the end of the year.
F3	Caltrans	Bhaskar Joshi	Is CEDEN meant only for SWAMP data? We uploaded data last year but it is not online yet	<p>CEDEN is meant for any surface water data that can meet the minimum data element required by the CEDEN templates, not just data funded by SWAMP.</p> <p>If data sets were submitted to CEDEN that do not display through the CEDEN query tool, please email specific details regarding the data set (program, project, example stations, date ranges, or a copy of the spreadsheet used to submit the data) to ceden@waterboards.ca.gov so that staff can research it further.</p>
F4	Caltrans	Bhaskar Joshi	Could you recommend if users can stop retaining data separately since all data is going to be on CEDEN. Will the SWRCB accept CEDEN as a data source when requests for data are made	Submitting data to CEDEN does not satisfy the National Pollutant Discharge Elimination System (NPDES) records retention requirement. Although we encourage multi-uses of monitoring data, the issue of whether a specific permit requirement is necessary or not because data are already going to CEDEN would need to be evaluated by the permit writer.
G1	Riverside County Flood Control and Water Conservation District (RCFCWCD)	Penny Nanney	When will the online checkers for the current data submission templates (dated 082313) be up and running?	The State Water Resources Control Board has an instance of a checker available and it is being rolled out to the RDCs over the next few months.

G2	RCFCWCD	Penny Nanney	Why can't we find our data in CEDEN after it has been submitted to our RDC and we received a successful upload receipt?	If data sets were submitted to CEDEN that do not display through the CEDEN query tool, please email specific details regarding the data set (program, project, example stations, date ranges, or a copy of the spreadsheet used to submit the data) to ceden@waterboards.ca.gov so that staff can research it further.
G3	RCFCWCD	Penny Nanney	Labs are struggling with formatting data for CEDEN, is there training available to the labs?	There is not a training program available for labs at this time, but we understand that there is a need for more training materials and will be working on them.
H1	Aquatic Bioassay and Consulting Labs	Karin Patrick	Will the RDCs continue to be utilized?	Yes, the RDCs will continue to be utilized.
I1	CDM Smith	Nola Mitchell	I have 15-minute (continuous) water quality data for the Town of Truckee that we would like to have available for the public on CEDEN. I know this is a capability that you are still working on. Is there any further update on when this feature may be available?	Please see the response to question B1.
I2	CDM Smith	Nola Mitchell	I find I am always having to submit new constituent requests to SCCWRP. Is there a way these could all be added to the data checker to save the hassle of requesting individual values?	This topic can be discussed more with the User Group, but in general, there is a trade-off of doing the work up front for constituents that we are guessing may or may not be used versus waiting until a constituent is actually needed and doing the work only for those. If you know of constituents that you will need in the future, those can be submitted up front.

J1	Los Angeles County Flood Control District	Grace Komjakraphan	<p>The LACFCD is in the process of designing and building a new database to help us manage monitoring data from over 85 permittees in LA County, for more than 30 TMDLs, and associated with 19 different Coordinated Integrated Monitoring Programs. In short, we have a lot of data to manage, so we are creating our database off the fields required in the current/August 2013 CEDEN templates. In the workshop, it sounded as if some of the templates would be revised to address some of the structure/administration comments. If this is the case, can you please provide a schedule for any proposed improvements or new templates? Also, what is the schedule for creating additional calculators, data checkers, or crossover tools?</p>	<p>With the exception of the tissue template that may require some additional fields, we don't anticipate change to the templates in the foreseeable future. Please provide more detail if there are other specific areas that you concerned about after hearing the workshop.</p> <p>If changes are needed, any changes would be evaluated in light of the effort required by data submitters and the need for the changes and would be "backwards compatible" with the current templates where possible.</p>
J2	Los Angeles County Flood Control District	Grace Komjakraphan	<p>The LACFCD and County of LA collect monitoring data for multiple trash TMDLs associated with inland lakes, rivers, tributaries, and marine debris. What is the current schedule for creating a template for trash data? Would you consider creating multiple templates based off of different types of trash TMDLs? What level of trash monitoring data detail does CEDEN plan to accept into the program? Will CEDEN accept photographs? Examples of monitoring data currently saved include: weight, volume, article counts, and source identification (retailer data) by category type and the observed trash location along the water line. Examples of BMP implementation monitoring data for TMDL milestones include: number/percentage of catch basins installed, percentage of trash captured/reduction for TMDL milestones. Photographs are also required for trash TMDLs.</p>	<p>Please see the response to question A.4.</p>