



CEDEN 2.0 Training Agenda

Date: Thursday, August 20, 2026

Time: 10:00 - 11:30 AM

Location: Remote attendance only

Microsoft Teams information at end of agenda

Instructor: Tessa Fojut

[Meeting Recording](#)

Topic	Time
Welcome	10:00 - 10:05
1. CEDEN 2.0 Introduction and Overview	10:05 - 10:15
2. CEDEN 2.0 Demonstration - Website Overview - Submitting Vocabulary Request - Project Activation Vocabulary - Chemistry Vocabulary - Submitting Chemistry Data - Chemistry Data Checker	10:15 – 11:00
3. CEDEN 2.0 Next Steps Data Type Status	11:00 – 11:05
4. Q&A Session	11:05 - 11:30
Next Quarterly Meeting: September 10, 2026	

Microsoft Teams meeting

Join:

<https://teams.microsoft.com/meet/298303690093792?p=p3ZAa4BGTvrvaax1K>

Meeting ID: 298 303 690 093 792

Passcode: Uu9Jj72T

[Need help?](#) | [System reference](#)

Dial in by phone

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For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

CEDEN 2.0 Data Submission System Training

Tessa Fojut
Office of Information
Management and Analysis



August 20, 2026

CEDEN

- **CEDEN**: California Environmental Data Exchange Network
 - The Water Boards' data system for surface water quality in California
- The Water Boards developed a new **data submission system** referred to as **CEDEN 2.0**
- CEDEN data will continue to be accessed through the **CEDEN Query Tool** and **CA Open Data Portal**

CEDEN 2.0 Development

- OIMA is working with EarthSoft software vendor to host the CEDEN 2.0 **data submission system**
- Goals
 - User friendly interface for submitting data
 - Improved understanding of data quality
 - Modern, secure data system that can be continually updated
- Development Phases – Data Types
 - **August 2026: Chemistry** (Water Quality)
 - 2027: Field Results, Habitat Observations
 - **Future:** Continuous, Taxonomy, Tissue, Toxicity Data

CEDEN 2.0 Features

- Interactive user interface to check data
 - User uploads data, then checks it
 - Cells with errors are highlighted, error log describes errors

Chemistry Data Checker and Submission							
 CLEAR WORKSPACE							
CHEMISTRY_RESULTS CONSTITUENT_INDEX ADVANCED_VOCABULARY_REQUEST							
 							
Line	StationCode *	ProjectCode *	LabSampleID	CollectionDateTime *	SampleAgencyCode *	SampleTypeCode *	MatrixCode *
1	906MBVIYP	RWB9_Eelgrass_BA_2024	4100108-02	9/30/2024 13:15	MPSL-MLML	Integrated	Sediment
2	906MBVIYP	RWB9_Eelgrass_BA_2023	4100108-02DUP	9/30/2024 13:15	MPSL-MLML	LabDuplicate	Sediment
3	906MBVIYP	RWB9_Eelgrass_BA_2024	4100108-02	9/30/2024 13:15	MPSL-MLML	Integrated	Sediment
4	906MBVIYP	RWB9_Eelgrass_BA_2024	4100108-02DUP	9/30/2024 13:15	MPSL-MLML	LabDuplicate	Sediment

CEDEN 2.0 Features

- Chemistry quality control verification checks and flags
 - Recommended QC samples per batch based on the method
 - Control limit re-calculations – spike recoveries and replicate precision calculations (RPD)
 - Holding time checks
 - Data will be flagged based on the QC checks – *not rejected*
- Improved security of data system
 - Individual login credentials for all users
 - Secure API connections for CEDEN Regional Data Centers

CEDEN 2.0 Resources

- Available now:
 - CEDEN 2.0 Chemistry Data Template
 - CEDEN 2.0 Chemistry Data Submission Guide
 - New User Guides
 - Account Creation and Portal Navigation
 - Vocabulary Requests
 - Data Submission
 - Vocabulary Business Rules



CEDEN 2.0
CALIFORNIA ENVIRONMENTAL DATA EXCHANGE NETWORK

CEDEN 2.0 Demo

Data Type Status



- Chemistry data
 - No longer accepted via CEDEN Data Checker
 - MUST be submitted via CEDEN 2.0 Portal
- Field and Habitat data
 - Submission via CEDEN Data Checker
 - Will likely transition to CEDEN 2.0 in first half of 2027
- Toxicity, Tissue, Benthic (taxonomy), Bioassessment Habitat data
 - Not accepted via CEDEN Data Checker for several years
 - Must be submitted through Moss Landing, SFEI, or SWAMP data centers

CEDEN 2.0 Next Steps



- Support chemistry data submitters in CEDEN 2.0 system
- 2027 – Release field and habitat module

Contact information:

CEDEN@waterboards.ca.gov

CEDEN User Group

- Join the **CEDEN User Group** email list to receive periodic updates
- Next meeting: **September 10, 10am**

To join, send an email to:
CEDEN@waterboards.ca.gov