

**STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK REGULATIONS
TITLE 23, DIVISION 3 CHAPTER 16 CCR
ELECTRONIC SUBMISSION OF LABORATORY DATA FOR UST REPORTS**

~~February 13~~ March 26, 2001

TEXT OF THE PROPOSED REGULATIONS

Add Title 23, Division 3, Chapter 16, Article 12, Sections 2729 and 2729.1 of the California Code of Regulations to read as follows:

Article 12. ELECTRONIC SUBMISSION OF LABORATORY DATA FOR UST REPORTS

2729 Additional Definitions

“COELT” is the Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept Laboratory Information Management System (LIMS) data or manually entered data. COELT is intended to help the user enter data, find errors, and comply with the laboratory data requirements of the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this article, version 1.2a of COELT ~~should~~ may be used. Programs (*coelt.zip* [5/29/97] and *coeltservicepack.zip* [8/9/99]) and documents (*coeltmanual.zip* [10/2/97] and *coeltsupplement12a.zip* [3/5/99]) Specifications for the version 1.2a of COELT are available at <http://www.swrcb.ca.gov> or: Copies of the referenced documents are available from SWRCB at 1001 I Street, Sacramento, CA 95814.

“EDCC” means the Electronic Deliverable Consistency Checker program, which was developed for the Corps of Engineers. The EDCC program is run upon completion of an EDF report to produce an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines and restrictions, and valid values. The error report also indicates the nature of each problem, so that the laboratory can correct it. For purposes of the requirements of this article, version 1.2a of EDCC ~~should~~ shall be used. Specifications Programs (*edcc.zip* [3/4/99] and *edccservicepack1.zip* [3/4/99]) for the version 1.2a of EDCC are available at <http://www.swrcb.ca.gov>. Copies of the referenced documents are available or from the State Board SWRCB at 1001 I Street, Sacramento, CA 95814.

“EDF” means the Electronic Deliverable Format that was developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate the transfer of electronic data files from analytical laboratories to end-users. It is a relational database consisting of five files, related to one another through key fields. Laboratories can produce electronic documents in EDF using the COELT software or with other programs outside of COELT. The data components include the chain-of custody information, laboratory results, and quality assurance information. For purposes of the requirements of this article, version 1.2b of EDF ~~should~~ shall- be used.

Specifications for version 1.2b of EDF (*The Electronic Deliverable Format [EDF] Version 1.2b Guidelines & Restrictions dated January 2001 and Data Dictionary dated January 2001*) are available at <http://www.swrcb.ca.gov> . Copies of the referenced documents are available or from the State Board-SWRCB at 1001 I Street, Sacramento, CA 95814.

“Report” means any document or item that is required for submission in order for a person to comply with a regulation, directive, or order issued by the state board, a regional board, or a local agency pursuant to a program administered by the state board, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.

Authority cited: Section 13197.5 Water Code

Reference: 13195 (b), Water Code

2729.1 Electronic Submission of Laboratory Reports

- (a) If a report required to be submitted to the state board, a regional board, or a local agency pursuant to Chapter 6.7 (commencing with Section 25280) of Division 20 of the Health and Safety Code or Article 4 (commencing with Section 25299.36) of Chapter 6.75 of Division 20 of the Health and Safety Code contains laboratory data reporting soil or water chemistry analysis, such data shall *also* be submitted *via the Internet to the SWRCB Geographic Environmental Information Management System database* using the EDF.
- (b) Beginning January 1, 2002, any person submitting laboratory data in electronic format pursuant to these regulations shall specify for the location where the analyzed sample was collected: 1) the latitude and longitude of groundwater monitoring wells accurate to within one meter, and 2) the surveyed elevation relative to mean sea level of any groundwater monitoring well sampled.
- (c) All data shall be checked for errors prior to submittal, using the EDCC software consistency checking tool. Electronic submittal of laboratory data *over the Internet* shall be in addition to hard-copy laboratory reports generated by either COELT or other laboratory software.
- (d) Electronic submission of data generated by analysis of soil or water samples shall be required beginning on September 1, 2001.

Authority cited: Section 13197.5 Water Code

Reference: 13196 (a), 13197.5 (a), 13197.5 (c), 13197.5 (d)(2), Water Code