



# ELECTRONIC SUBMISSION OF LABORATORY DATA FOR UST REPORTS

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## WHY

- Assembly Bill 2886 (2000)
- SWRCB to adopt emergency regulations concerning electronic submission of UST reports
- First attempt to get statewide submission of electronic data
- Bring accurate and timely data about MTBE into centralized public database (GeoTracker)



## WHO

- Laboratories to prepare chemical analytical results in specified Electronic Deliverable Format
- Responsible Parties to submit electronic laboratory and locational data to SWRCB in addition to regular hard copy reports sent to lead agency
- Lead Agency to “accept” electronic lab reports when electronic data submitted



# WHAT: EMERGENCY REGULATIONS

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- Three-step process:
- 1) Emergency EDF regulations for UST reports,
- 2) Final EDF regulations for UST reports and
- 3) SWRCB report to the governor and legislature.



# WHAT

- Adds Article 12 (Sections 2729 and 2729.1) to Chapter 16, Division 3, Title 23, CCR
- Authority: Water Code Sections 13195 to 13198
- Requires:
  - Electronic submission of laboratory reports
  - Locational data for groundwater monitoring well samples
- Electronic submittal of data over the Internet shall be in addition to hard-copy reports



## WHAT: EDF

- “EDF” is Electronic Deliverable Format developed for the United States Army Corps of Engineers.
- Data standard designed to facilitate the transfer of electronic data files from analytical laboratories to end-users.
- Relational database consisting of five files, related to one another through key fields.
- Data components include the chain-of custody information, laboratory results, and quality assurance information.



## WHAT: COELT

- “COELT” is the Corps of Engineers Loading Tool program.
- Relational database application
- Places laboratory data into the standardized EDF.
- Accepts Laboratory Information Management System (LIMS) data or manually entered data.
- Includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data.



## WHAT: EDCC

- “EDCC” is the Electronic Deliverable Consistency Checker
- EDCC program must be run upon completion of an EDF report to produce an error report.
- Error report identifies problems within the given data set based upon the EDF database structure, guidelines and restrictions, and valid values.
- The error report indicates the nature of each problem, so that the laboratory can correct it.



## WHAT: Electronic Submission of Laboratory Reports

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- Electronic submittal of EDF laboratory data over the Internet shall be in addition to hard-copy laboratory reports...
- Generated by either COELT or other laboratory software.
- All data shall be checked for errors prior to submittal, using the EDCC software consistency checking tool.



## WHAT: GROUNDWATER LOCATIONAL (XYZ) DATA

- 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 groundwater in monitoring wells sampled

# WHERE

- SWRCB GeoTracker Database
- <http://www.swrcb.ca.gov>.
  - Water Quality
  - Storage Tanks - UST Program....or
  - <http://www.swrcb.ca.gov/cwphome/ust/docs/ab2886/list.html>
- For info and programs: AB 2886 EDF/COELT
- For submittal: GeoTracker



# WHEN

- September 1, 2001---
  - Electronic Laboratory Reports
- January 1, 2002---
  - Sampled Groundwater Well locational XYZ data



# HELP!

- SWRCB Website
- Help Desk Support
- Password authorization
- Training/Outreach Sessions
  - Clean up agencies
  - RPs/Consultants
  - Commercial Laboratories
- Michael W. Gjerde, Hamid Foolad, SWRCB
- ArsenaultLegg



## HELP: TRAINING

- Ten one-week sessions
- Monday/Tuesday (Same each day)
- Morning 1/2 day overview -regulators, RPs, Consultants
- Afternoon - 2 Separate Sessions
  - 1/2 day- EDF & GeoTracker - regulators
  - 1/2day- hands on review EDF/GeoTracker - RP/Consultants (limited number)
- Wednesday-Fridays, three-day Laboratory COELT/EDF training (only 10-15 people per week)



## HELP: TRAINING

- 10 weeks Budgeted
- Sacramento - July 9-13
- Downtown LA - July 16-20
- San Jose - July 30-August 3
- Emeryville - August 6-10
- Riverside - August 20-24
- San Diego - August 27-31
- LAX - Sept 10-14
- Fresno - Sept 17-21
- 2 Weeks unscheduled



## SUMMARY

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- WHY - AB 2886
- WHO - Labs, RPs, Lead Agencies, SWRCB
- WHAT - EDF lab reports, GW well locations
- WHERE - over Internet to SWRCB GeoTracker
- WHEN - Sept 1, 2001 lab data, January 1, 2002 locational data
- HELP - SWRCB, ArsenaultLegg

A graphic of a spiral-bound notebook on the left side of the slide. The spiral is dark blue and runs vertically. The notebook pages are represented by a series of overlapping, semi-transparent blue and green rectangular strips that create a 3D effect. The main body of the slide is a solid blue background.

QUESTIONS?