

ELECTRONIC SUBMISSION OF LABORATORY DATA FOR UST REPORTS

Michael W. Gjerde
Division of Clean Water Programs
SWRCB

gjerdem@cwp.swrcb.ca.gov



OVERVIEW - REGULATION

- Why
- Who
- What
- Where
- When
- How Much
- ◆ Help

s W WHY

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

Sweet Street Sweet Street WHO

- ◆ Laboratories to prepare chemical analytical results in specified Electronic Deliverable Format for soil and water samples
- RPs to submit electronic laboratory, sample information, and locational data to SWRCB in addition to regular hard copy reports sent to lead agency
- Lead Agency to match electronic lab submission with receipt of hard copy reports



WHAT: EMERGENCY REGULATIONS

- 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 for soil and water samples
 - Locational data for 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.
- Set of relational database files
- 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



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.



WHAT: Electronic Submission of Laboratory Reports

- 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: LOCATION (XYZ) DATA

- Information about sample collected:
 - 1) the latitude and longitude of groundwater monitoring wells accurate to within one meter
 - 2) the surveyed elevation, relative to mean sea level, of well casing in monitoring wells sampled
 - 3) groundwater information (DTW, FP, status)
 - 4) site map for soil sample locations

WHERE

- ◆ SWRCB GeoTracker Database
- http://www.swrcb.ca.gov.
 - http://www.swrcb.ca.gov/cwphome/ust/docs/ab2886/list.html
 - Direct Link from main page, Emergency regulations
- For info and programs: AB 2886 EDF/COELT
- ◆ For submittal: GeoTracker



WWW.SWRCB.CA.GOV





EDF Information Web page



WHEN

- ◆ September 1, 2001----
 - Electronic Laboratory Reports
- ◆ January 1, 2002----
 - Sample location (XYZ data)
- ◆ Electronic Submissions due when normal Hard Copy Reports submitted to Oversight Agency

WHO PAYS

- Electronic Reporting Costs
 - Laboratory Analysis
 - Elevation Surveys
 - Depth to Water
 - Locational Surveys
- * "The UST Clean Up Fund will pay for all costs that are reasonable, necessary,....and eligible."

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

- RP/Consultant/Regulator Training
- Monday or Tuesday (Same each day)
- Morning 1/2 day overview -regulators, RPs, Consultants
- Afternoon 2 Separate Sessions
- 1/2 day- EDF & GeoTracker regulators
- ◆ 1/2day- Implementation review EDF/GeoTracker RP/Consultants
- Laboratory Training
- Wednesday-Fridays, three-day Laboratory COELT/EDF training (only 10-15 people per week)



HELP: TRAINING

- Emeryville August 6-10
- ◆ Sacramento August 13-17
- ◆ San Diego August 27-31
- ◆ LAX Sept 10-14
- ◆ Fresno Sept 17-21
- ◆ Riverside Sept 24-28
- ◆ 2 Weeks unscheduled

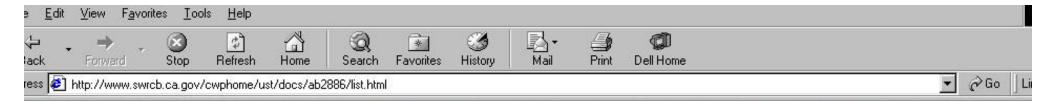
S W R C B

SUMMARY

- 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



QUESTIONS?



Emergency Regulations (EDF/COELT) AB 2886 Electronic Submission Laboratory Reports Underground Storage Tank Program

Any general questions, please contact Michael W. Gjerde at (916) 341-5682 or Hamid Foolad at (916) 341-5791

Specific questions regarding EDFand EDCC, please contact edhelpdesk@arsenaultlegg.com
1-800-506-3887

In order to read some of the following links, you will need to download Winzip and Adobe Acrobat Reader.

Click Icon to Download Winzip.

Click Icon to Download Adobe Acrobat





nergency Regulations & Law

- Law Chapter 727 of 2000 HTML 36240 bytes
- Law Chapter 727 of 2000 PDF 39461 bytes
- Text of Regulations (EDF/COELT)
- Revised Final SWRCB (Board) Resolution for the Emergency Regulations
- · Notice of Emergency Findings
- These have been updated to clarify the field name needed for identifying samples from LOCID to FIELD_Pt_name
 - o Electronic Deliverable Format (Data Dictionary) 2001 Version 1.2i (PDF 865 KB)
 - o Guidelines and Restrictions for Electronic Deliverable Format Version 1.2i (PDF 303 KB)
- Programs to help create <u>EDF/COELT</u> formatted laboratory reports
 This new patch includes all the fixes in the previous 2 patches, plus the new fix for the I/O error.

