Overview of GeoTracker for Permittees

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What is GeoTracker?

• Data management system for sites that impact, or have the potential to impact, water quality in California.
  • Emphasis is groundwater.
• Tracks environmental and regulatory data for about 15 different facility types.
The Three Groups of GeoTracker Users

Regulatory Agencies
- Project Management
- Electronic storage of documents and data
- Transparency Public Records Act (PRA) Response

Regulated Parties
- GeoTracker Electronic Submittal of Information (ESI)
- Submitting data and reports
  https://www.waterboards.ca.gov/ust/electronic_submittal/

Public Users
- Environmental disclosure reports
- Research
  https://geotracker.waterboards.ca.gov/
Data Flow: Permittee to Regulator

- RESPONSIBLE PARTY (RP)
- CONSULTANTS
- CONTRACTORS
- LABORATORIES

- Log-In To GeoTracker ESI
- or Request a Password
- Request Access to Site
- Obtain Approval

- Add Field Point Names
- Sampling Point IDs for:
  - detention ponds
  - lysimeter
  - monitoring wells

- Error Check Data
- Lab EDF data
- well location
- elevation
- depth to groundwater

- Submit (upload) EDF Data & Reports
  - Reports May Include:
    - Notice of Intent
    - Technical Reports
    - Final Post-Construction Report
  - NOTE: There is an 48-hour delay period after upload until the submittal is received by lead agency caseworker or appears on GeoTracker. The 48-hour window allows the RP or consultant to re-access uploads for removal, edits, replacement, etc.

- Prepare Documents & Data
  - Prepare Reports/Documents:
  - Prepare Bore & Well Logs (if applicable)
  - Measure Well Screen Depths & Intervals (if applicable)
  - Collect Samples (if applicable)
  - Measure Depth to Groundwater (if applicable)
  - Survey Monitoring Well & Locations & Elevations (if applicable)
  - Prepare Site Map (part of a technical/annual report)

- Submit Samples to Laboratory for Analysis
- Laboratory Analyzes Samples

- Produce Analytical data in Electronic Deliverable Format (EDF)

- Lead Regulatory Agency Caseworker

- Receives ESI Data & Reports
  - [30 Day Period for Lead Agency Caseworker to Approve or Deny Submittal]

- GeoTracker Database
  - ESI data & reports are stored in the GeoTracker database. Only approved data and reports by the lead agency caseworker are posted and accessible on the public GeoTracker website.

- RP, Consultant, Contractor, Laboratory
  - Data Quality Assurance/Quality Control
GeoTracker ESI Setup

1. Create an account (https://geotracker.waterboards.ca.gov/esi/login)

2. Request submittal access to facility
   - Process is different depending on account type
   - Refer to FAQ (Section 2 and 3) for more information

3. GeoTracker Help Desk will review request

4. Once approved, use ESI tools to upload
GeoTracker ESI Tools:

- **Upload EDD:**
  - EDF: electronic analytical data
  - GEO_XY: latitude/longitude data
  - GEO_Z: elevation data
  - GEO_WELL: depth to water data
  - GEO_MAP: map of site (pdf)
  - GEO_BORE: boring log (pdf)
  - GEO_REPORT: reports/documents (pdf)

- **Check EDD:** check format of electronic files

- **VVL Search Tool:** Valid Value code search

- **Edit Field Points:** identifier of sampling point
Edit Field Points

• **Required** before uploading files related to the following:
  • EDF, GEO XY, GEO Z, GEO WELL, GEO BORE

• Can add Field Points at anytime
  • Field Points already associated with electronic data cannot be removed
  • Data can be transferred to other field points, contact GeoTracker Help Desk

• More information: GeoTracker FAQ section 5.3 – 5.7
  • [https://www.waterboards.ca.gov/ust/electronic_submittal/esi_faq5.shtml#fpn5.3](https://www.waterboards.ca.gov/ust/electronic_submittal/esi_faq5.shtml#fpn5.3)
Check EDD

- Optional before uploading files related to the following:
  - EDF, GEO XY, GEO Z, GEO WELL
- Check format of file quickly
- Option available for consultant or labs to check format before providing files to client
EDF (Electronic Deliverable Format)

• Requires specific format.
  • Guidelines and Restrictions: https://www.waterboards.ca.gov/ust/electronic_submittal/docs/edf_gr_v1_2i.pdf

• New Valid Value codes
  • Contact enABL, Inc.’s EDF Help Desk
    • Information on FAQ page: https://www.waterboards.ca.gov/ust/electronic_submittal/esi_faq4.shtml#labcodeval4.1

![Diagram of EDF process]

- RESPONSIBLE PARTY (RP)
- CONSULTANTS
- CONTRACTORS
- LABORATORIES

Obtain Global IDs → Log-In To GeoTracker ESI or Request a Password → Request Access to Site or Obtain Approval → Add Field Point Names → Sampling Point IDs for:
  - detention ponds
  - lysimeter
  - monitoring wells → Error Check Data
    - Lab EDF data
    - well location
    - elevation
    - depth to groundwater

Submit (upload) EDF Data & Reports
  Reports May Include:
  - Notice of Intent
  - Technical Reports
  - Final Post-Construction Report
  - Annual Monitoring Maintenance Report
GEO XY, GEO Z, and GEO WELL

• Survey data only required for “Permanent Monitoring Wells” (Title 23, California Code of Regs. § 3891).
  • Non-survey latitude/longitude data can be entered/uploaded (Edit Field Points/GEOXY)

• Requires specific format.
  • Excel templates: https://www.waterboards.ca.gov/ust/electronic_submittal/xyz_templates.shtml

• New Valid Value codes
  • Contact GeoTracker Help Desk
Submittal Status

- 4 different types:
  - Pending: waiting for regulator review
  - Received: approved by regulator
  - Auto-Received: approved by system (30 days after submittal date)
  - Denied: denied by regulator

- Note: 48-hour delay before regulator can view on their account.
GeoTracker ESI Informational Webpage

• GeoTracker ESI Informational Page: https://www.waterboards.ca.gov/ust/electronic_submittal/index.html
  • How do I upload guide (Getting Started Section)
  • Frequently Asked Questions (Getting Started Section)
  • EDF Guides (Technical Information on Uploading Data Section)
  • GEO XY, Z, and Well Guides and Template (Technical Information on Uploading Data Section)
  • Current Valid Value Lists for all electronic uploads (Technical Information on Uploading Data Section)
Contact Us

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