

# Overview of GeoTracker

CCDEH IT Summit

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# GeoTracker (GT) Users

Three groups of GeoTracker Users:

- >> **General Public**.... GeoTracker users such as home buyers, finance companies, environmentalists and researchers
- >> **Responsible Parties / Consultants**.... Users get access to the sites from SWRCB to upload data and reports
- >> **Regulatory Agencies**.... Regulators from various agencies get access from SWRCB to manage cases, review and receive reports and data and allocate work load

# Public GT Screens

<http://geotracker.waterboards.ca.gov/>

[GeoTracker Home](#) [Tools](#) [Reports](#) [Information](#) [SWRCB Home](#)

## TOOLS

- [Advanced Search](#)
- [Download Data](#)
- [Download ESI Data](#)

## REPORTS

- [By County](#)

## Welcome to GeoTracker

*Your link to environmental data for regulated facilities in California*

### MAP CLEANUP SITES

e.g., "10 market st, san francisco, ca" - [INFO](#)

# RP's / Consultants' Screens

[http://www.waterboards.ca.gov/ust/electronic\\_submittal/index.shtml](http://www.waterboards.ca.gov/ust/electronic_submittal/index.shtml)

## **Electronic Submittal of Information (ESI)**

On January 1, 2005, the State Water Board adopted regulations that require electronic submittal of information (ESI) for soil and groundwater of underground storage tank (UST) cases and non-UST cleanup programs (SCP), Department of Defense/Military sites (DOD), and Land Disposal programs. Beginning July 1, 2005, submittal of a complete copy of all required reports, in PDF format, into Geotracker replaced the paper copy reporting requirements (paperless reporting).

**For general questions contact Hamid Foolad**

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**Geotracker Help Desk**

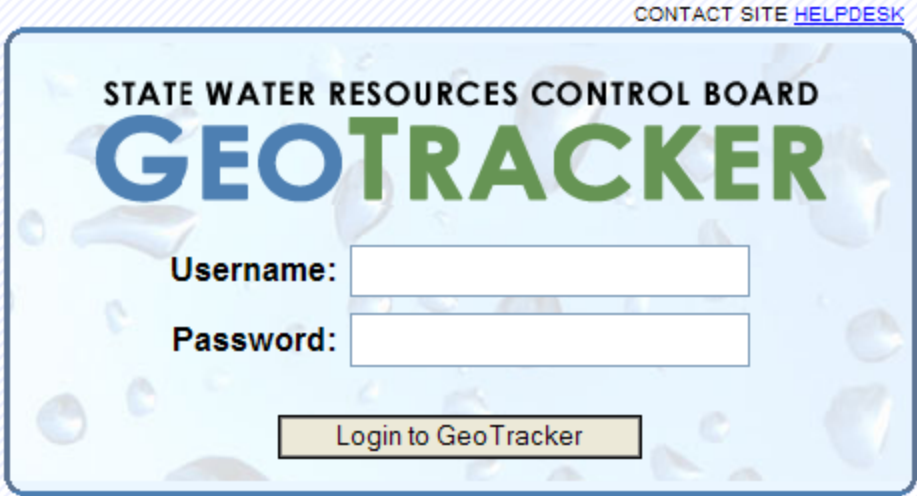
**Ph: 866-480-1028, Email: [Geotracker@waterboards.ca.gov](mailto:Geotracker@waterboards.ca.gov)**

# ESI Data Requirements

- Analytical Data
- Survey / Locational Data
- Depth to Water
- Maps & Boring Logs
- Reports in PDF

# Regulators' Screens

<https://geotracker.waterboards.ca.gov/regulators/>



CONTACT SITE [HELPDESK](#)

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**

Username:

Password:

NEW TO GEOTRACKER? FORGOT YOUR PASSWORD? [CLICK HERE](#)

Click on [CLICK HERE](#) to apply for a new account or to e-mail you a reset password link if you forget it.

## Regulator Home Page for Supervisors / Coordinators

[GEOTRACKER MAP](#) | [CONTACT GEOTRACKER HELP](#) | [LOGOUT](#)

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**  
Your link to environmental data for regulated facilities in  
California

### REGULATOR TOOLS

[Manage My Projects](#)  
[Parent Military Facility Tool](#)  
[Complex SCP Facility Tool](#)  
[Manage Agency Projects](#)  
[Project Search](#)  
[ESI Submittals](#)  
[Create New Project](#)  
[Data Cleanup](#)  
[Data Export Download](#)  
[DPH Public Well Search Tool](#)  
[Reports](#)

### ADMIN TOOLS

[Contact Manager Tool](#)  
[GeoTracker Priority List](#)

### OTHER TOOLS

[Change Password](#)  
[Help / Tutorials](#)  
[Frequently Asked Questions \(FAQ\)](#)  
[GeoTracker Public Website](#)  
[GAMA Secure Website](#)  
[Review GeoTracker NDAs](#)

### ENFORCEMENT TOOLS

[Responses Due](#)  
[Delinquent Responses](#)  
[Responses Due - Agency Wide](#)  
[Delinquent Responses - Agency Wide](#)

# Data Accessibility in GT

- Data download links on Regulator & Public Sites
- CDPH locational and analytical data for the municipal wells
- Location of contaminated sites with associated monitoring wells on Google based maps
- Database search for Contaminants of Concern
- Regional Board Watershed
- DWR Groundwater Sub-Basin
- Data on land Use Restrictions


# LOPs' Contract Required Fields

GeoTracker Screen	GeoTracker Field Name	Field Certified
Project Information	Site Type	
Project Information	Status	
Project Information	Status Date	
Project Information	Funding for Cleanup	
Project Information	File Location	
Project Information	RP Identification	
Project Information	Site History	
Project Information	Case Number	
Project Information	Cleanup Oversight Agency	
Project Information	Lead Agency	
Project Information	Lead Date	
Project Information	Latitude/Longitude	
Risk Information	Release Type	
Risk Information	Contaminant(s) of Concern	
Risk Information	Redevelopment Planned (Yes/No)	
Risk Information	Current Land Use	
Risk Information	Beneficial Use	
Risk Information	Potential Media of Concern	
Risk Information	# Impacted Drinking Water Wells	
Risk Information	Report Date	
Risk Information	Discharge Cause	
Risk Information	Discharge Source	
Facility / Site Address	Is this Project a Residence	
Facility / Site Address	Project Name	
Facility / Site Address	Street #	
Facility / Site Address	Street Name / Location	
Facility / Site Address	City	
Facility / Site Address	Zip	
Facility / Site Address	County	





# LOPs' Required Fields Report

[GEOTRACKER HOME](#) | [MANAGE PROJECTS](#) | [REPORTS](#) | [SEARCH](#) | [LOGOUT](#)

## LOP LEAD REQUIRED FIELDS REPORT - MISSING DATA FIELDS FOR OPEN CASES

CLICK ON A CATEGORY HEADING LINK OR  TO EXPAND THE LIST OF MISSING FIELDS FOR THAT CATEGORY

\* REQUIRED DATE IS TO POPULATE ONE OR MORE OF THE "REPORT OR DISCHARGE OR DISCOVER OR STOP DATE" FIELDS UNDER RISK INFORMATION  
 \*\* DISCHARGE CAUSE AND SOURCE FIELDS ARE REQUIRED ONLY FOR ALL NEW CASES THAT HAVE BEEN CREATED SINCE 7/1/2008

LEAD ORGANIZATION	NUM OF CASES	TOTAL OUT OF COMPLIANCE	MISSING PROJECT INFORMATION 	MISSING RISK INFORMATION 	MISSING ADDRESS INFORMATION 	MISSING CONTACT INFORMATION 
ALAMEDA COUNTY LOP	<a href="#">459</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
EL DORADO COUNTY LOP	<a href="#">25</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
HUMBOLDT COUNTY LOP	<a href="#">130</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
KERN COUNTY LOP	<a href="#">46</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
MERCED COUNTY LOP	<a href="#">61</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
NAPA COUNTY LOP	<a href="#">46</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
NEVADA COUNTY LOP	<a href="#">26</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
ORANGE COUNTY LOP	<a href="#">416</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
RIVERSIDE COUNTY LOP	<a href="#">124</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SACRAMENTO COUNTY LOP	<a href="#">323</a>	1 (0%)	<a href="#">0</a>	<a href="#">1</a>	<a href="#">0</a>	<a href="#">0</a>
SAN BERNARDINO COUNTY LOP	<a href="#">57</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SAN DIEGO COUNTY LOP	<a href="#">590</a>	2 (0%)	<a href="#">0</a>	<a href="#">2</a>	<a href="#">0</a>	<a href="#">0</a>
SAN FRANCISCO COUNTY LOP	<a href="#">117</a>	2 (2%)	<a href="#">0</a>	<a href="#">2</a>	<a href="#">0</a>	<a href="#">0</a>
SAN JOAQUIN COUNTY LOP	<a href="#">203</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SAN MATEO COUNTY LOP	<a href="#">240</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SANTA BARBARA COUNTY LOP	<a href="#">214</a>	1 (0%)	<a href="#">0</a>	<a href="#">1</a>	<a href="#">0</a>	<a href="#">0</a>
SANTA CLARA COUNTY LOP	<a href="#">306</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SOLANO COUNTY LOP	<a href="#">99</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
SONOMA COUNTY LOP	<a href="#">189</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
STANISLAUS COUNTY LOP	<a href="#">71</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
TULARE COUNTY LOP	<a href="#">116</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
VENTURA COUNTY LOP	<a href="#">133</a>	0 (0%)	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>

# Program Applications in GT

- Leaking Underground Storage Tank (LUST)
- Site Cleanup Program (SCP)
- Groundwater Ambient Monitoring & Assessment Program (Gama)
- Land Disposal Sites
- DOD / Military Sites
- Permitted UST Sites
- Integration with SCUFIIS & EnviroStor

# Leaking Underground Storage Tank (LUST)

- Around 9000 active LUST site in California
- LUST sites are monitored & managed by lead regulators from RBs and LOPs
- Data and Reports from cleanup activities are uploaded by consultants
- Analytical data & Reports are accessible to various public users
- Sites and associated monitoring wells are displayed on Google based maps

# Site Cleanup Program (SCP)

- Around 6800 SCP sites in California
- Release type is a non-tank source
- RBs and local agencies oversee the cleanup activities on these sites
- There are individual as well as Complex SCP facilities throughout the State
- All open as well as closed SCP cases along their reports are accessible to public

# Groundwater Ambient Monitoring & Assessment Program (Gama)

<http://geotracker.waterboards.ca.gov/Gama>

- 90% get water from a public supply - treated to make sure it is safe to drink
- 40% of such public water users rely on supply from groundwater
- 3.8M get their drinking water from private domestic wells
- Contaminated groundwater results in treatment costs, well closures, and new well construction – results in higher consumer cost

# Gama Focus

- GAMA collects data by testing wells for chemicals, including private domestic wells sampled by Water Board staff.
- Results are for untreated or raw water.
- GAMA also compiles existing groundwater quality data from several agencies into a system that provides public access to the data in a user-friendly internet site.

# Land Disposal Sites

- The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.
- Several thousand active and inactive land disposal sites are listed in GeoTracker
- Same ESI requirements are applied to the Land Disposal sites.

# DOD / Military Sites

- There are over 250 Military facilities in CA
- State Board along with its RWQCBs partner with DOD to oversee the investigation and remediation on such facilities to protect and restore water quality for beneficial uses
- ESI regulations are applied to all groundwater cleanup activities on Military facilities

# DOD Site Types

- Three types of contaminated sites:
  - Military UST Sites
  - Military Cleanup Sites (non-tanks)
  - Military Privatized Sites
- Parent Military Facility List
- Sub-areas and cases associated with each parent facility

# Integration with SCUFIIS & EnviroStor

- Majority of LUST cases with a Claim# in State Cleanup Fund database appear in Gt with a release or a Global ID#
- Claim #s along with payment details are available on the public site of GT
- EnviroStor is a search tool for the DTSC with info on contaminated sites in CA. DTSC is also the lead agency for a # of cases in GeoTracker

# Uploaded Data in GT

- Analytical data
  - Tracks
    - >100M records
    - >1B Environmental data elements
- Locational data
  - More than 200,000 locations across the state
- Location/Area Related Documents - including Boring Logs
  - 75000 of Boring Logs
  - Growing at 8,500 documents a month
- Ground Water Level Data
  - 138,000 locations state wide