

# William Antony Rodrigues, GIT, GISP



**William A. Rodrigues,**  
GIT, GISP

*ITELT Groundwater  
Programs Manager*

**B.S., Geology**  
University of California,  
Davis

**A.S., GIS/GPS**  
Diablo Valley College,  
Pleasant Hill, CA

## Focused Experience

- Certified GIS Professional (GISP), GIS Certification Institute, January 2021
- Geologist-in-Training (GIT), California Board for Professional Engineers, Land Surveyors, and Geologists, January 2020

## Expertise

- Environmental Geology
- Landfill Management and Compliance
- Geographic Information Systems (GIS) Technology, Global Positioning Systems (GPS) devices and Computer Applications
- Groundwater Monitoring & Regulatory Compliance (DTSC / RWQCB)
- Closed Hazardous Waste Facility O&M (Post-Closure Care)
- NPDES Permit Support & Compliance Tracking
- Field Program Oversight (Sampling Crews & Contractors)
- Hydrogeologic Data Analysis & Groundwater Contouring

## Representative Experience

### IT Environmental Liquidating Trust (ITELT)

#### *Groundwater Programs Manager*



Bill Rodrigues manages groundwater monitoring and compliance programs for four closed hazardous waste facilities under the IT Environmental Liquidating Trust (ITELT) in California, including Panoche, Vine Hill Complex, Montezuma Hills, and Benson Ridge. His role includes regulatory reporting, field program oversight, and coordination with DTSC and RWQCB.

### **Closed Hazardous Waste Facilities (Panoche, Vine Hill Complex, Montezuma Hills, and Benson Ridge):**

- Perform routine field inspections of landfill control features and remediation systems.
- Prepare semi-annual and annual compliance reports DTSC and RWQCB.
- Perform compliance and permitting responsibilities regarding NPDES, RWQCB, County, and Air Monitoring District requirements.
- Manage inspection and maintenance crews to ensure proper equipment operation and regulatory compliance.
- Manage groundwater technicians for quarterly and semi-annual sampling events.
- Coordinate with analytical laboratories for sample containers, chain of custody, and reporting.
- Evaluate groundwater chemical data, flow migration, and potentiometric surface elevations.
- Develop groundwater contour maps and cross-sections for regulatory reporting.
- Oversee contractors performing on-site repairs and maintenance.
- Lead geotechnical and groundwater investigations for new well installation and well decommissioning (logging, sampling, design, construction documentation).

# William A. Rodrigues, GIT, GISP (continued)



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## **Focused Experience**

- Certified GIS Professional (GISP), GIS Certification Institute, 2021
- Geologist-in-Training (GIT), California Board for Professional Engineers, Land Surveyors, and Geologists, 2020

## **Representative Experience**

**ENTRUST Solutions Group**  
*PG&E Crossbore Inspections, City of San Francisco*

- Drive a diverse portfolio of projects, within the utility space, ranging in scope and complexity with an emphasis on automating workflows, data modeling, data analysis, database management, custom application development, and reporting.
- Partner with key stakeholders, optimize project schedules, and develop & control project scope to ensure all timelines and deliverables are being met.
- Develop or assist in the development of custom python scripts to automate complex and recurring tasks and develop complex data models to integrate with geoprocessing tools.
- Manage large data sets within ArcGIS Online (AGOL), develop reports (general & custom), and provide a range of performance metrics using GIS spatial analysis methods.
- Work with internal, client and agency stakeholders on developing data collection methods and online mapping products within AGOL.
- Automate the upload, download and transfer data from mobile data collection devices and post processing data (using existing ArcGIS models, Python scripts, etc.) from ArcGIS online to Enterprise data stores.
- Drive projects and tasks independently while finding ways to continually improve business processes and workflows.
- Lead teams, projects and tasks to ensure successful project completion and client satisfaction.

**Engineering / Remediation Resources Group, Inc. (ERRG)**  
Clients: U.S. Army Corps of Engineers, U.S. Navy, DTSC, U.S. Forest Service, EBMUD, PG&E, CalRecycle, King County, Adanta Inc., Na Ali'i Consulting.

- Supervise CADD operators and GIS technicians to migrate data between GIS and CADD, and to coordinate on projects where both environments are being utilized.
- Responsible for spatial data creation, maintenance and dissemination, end-user support and the generation of maps and GIS products.
- Prepare level-of-effort estimates to complete GIS work.
- Introduced ESRI products AGOL and Survey123 to record field data efficiently and show real-time results.
- Compile and organize GIS data from maps, databases, and other sources.
- Use heads-up digitization to generate new spatial data from existing paper/digital maps, aerial imagery, or hand-drawn sketches.
- Created and maintain ArcGIS geodatabases and create/update feature class metadata.

## **Office of Mine Reclamation, Department of Conservation**

- Developed ArcGIS-based maps of abandoned mines and reconciled multi-agency datasets to prioritize reclamation targets.

## **Certifications**

- OSHA HAZWOPER 40-Hour, October 2015
- OSHA HAZWOPER, 8-Hour, Refresher, November 2025
- OSHA HAZWOPER, 8-Hour Supervisor, October 2022