THOMAS A. DAVIS
CONSULTING SCIENTIST

CREDENTIALS

- *M.S. Geology/Geophysics, Western Washington University, 1997*
- *B.S. Geology/GIS, Huxley College of the Environment, Western Washington University, 2006*

PROFESSIONAL *EXPERIENCE*

- *2023 – Present: ALL4 LLC – Consulting Scientist*
- *2002 – 2023: Whatcom Environmental Services – Project Manager/GIS Tech*

TECHNICAL *EXPERTISE*

- ✓ *UST Site Assessments*
- ✓ *Groundwater Monitoring Well Planning and Installation*
- ✓ *Lead Based Paint Building Inspections*
- ✓ *Phase I & Phase II Environmental Site Assessments*
- ✓ *Geographic Information System (GIS) Design and Maintenance*
- ✓ *NPDES Surface Water Sampling and Data Review*
- ✓ *Geophysical Techniques – GPR, Seismic Refraction, Resistivity, Magnetic and Gravitational Surveys*
- ✓ *Investigation of Landslide Hazards*
- ✓ *Limited Geologic Mapping & Soil Surveying*
- ✓ *Asbestos Building Inspections*

CERTIFICATIONS

- *Licensed Geologist (WA State)*
- *ICC Certified Washington State UST Site Assessor*
- *Certified AHERA Asbestos Building Inspector*
- *Certified Lead-Based Paint Inspector*
- *40-hour Hazardous Waste and Emergency Response (HAZWOPER) Trained*
- *Pacific Northwest Refinery Safety Orientation Certified*

PROFESSIONAL *OVERVIEW*

*Thom is a **Consulting Scientist** at ALL4 with a focus on contaminated site assessment, remediation, and applied GIS across Washington State.*

He has led numerous underground storage tank (UST) assessments and independent remedial actions that resulted in multiple "No Further Action" determinations from the Washington State Department of Ecology—including a former gasoline station on Lummi Island where onsite soil treatment delivered substantial cost savings, a historic gas station parcel in Bellingham, and a residential bed & breakfast that required engineering specifications to safely remove soil beneath the structure. He also coordinated emergency spill response documentation for a tanker truck rollover in the Tacoma watershed, working closely with NRC, the U.S. Army Corps of Engineers, Tacoma Public Utilities, Ecology, and the U.S. EPA. Additional due-diligence work includes Phase I ESAs supporting City of Bellingham acquisitions in the Lake Whatcom watershed, as well as an attorney-client-privileged XRF lead-based paint survey and SOP development.

His technical expertise spans MTCA site investigations and remediation, UST closures, spill response oversight, and regulatory reporting to Ecology. He complements field practice with geospatial capabilities—designing, building, and maintaining refinery-wide ESRI GIS for oily water, phenolic water, and storm water sewer systems; producing decision-ready figures from field notes and imported datasets; and researching the subsurface extents of historic Whatcom County coal mines

PUBLICATIONS/ ***PRESENTATIONS***

- Davis, T.A. 2006. The Development of a GIS-Based Kinematic Regional Rockfall Hazard Assessment Tool. Unpublished Master of Science Thesis, Huxley College of the Environment, Western Washington University, Bellingham, WA.
- Davis, T.A. 2004. A GIS-Based Kinematic Analysis of Bedrock Fracture and Slope Interaction in an Area Adjacent to the Squire Creek Landslide, Snohomish County, WA: Seeking locations that pose a potential threat of failure or may have already failed. Presented at: Association of Washington Geographers 2004 Spring Meeting. University College of the Fraser Valley, Abbotsford, B.C. April 23-24, 2004.