DANIEL J. DAWSON

Rule Engineering, LLC ♦1055 Kipling Street ♦Lakewood, CO 80215 ♦303-431-8500

EDUCATION

COLORADO SCHOOL OF MINES, Golden, CO
Masters of Science-Environmental Science & Engineering, 2002
UNIVERSITY OF IDAHO, Moscow, ID
Bachelor of Science- Environmental Science, 1997

PROFESSIONAL EXPERIENCE

RULE ENGINEERING, LLC, Lakewood, CO
Principal Environmental Scientist   *2003 - Present*

- Write reports on behalf of clients (e.g. health and safety plans, corrective action plans, site characterization reports, quality assurance project plans, monitoring plans, work plans, quarterly and annual reports, etc.).
- Design remedial actions based upon site hydrogeologic conditions.
- Supervise and support preparation of documents for submittal to fulfill RCRA and Consent Decree requirements (e.g. facility response plans and spill prevention, control, and countermeasures plan).
- Supervise installation of monitoring wells and remediation systems for petroleum and chlorinated solvent hydrocarbons.
- Coordinate and manage field crew for sampling events; including, but not limited to, groundwater, soil, and soil vapor samples.
- Experience with soil waste characterizations.
- Communicate with regulators.
- Manage Tier II and Form R reporting for clients.
- Managed environmental databases with EQuIS and Access.
- Generated CAD and GIS figures.

FREMONT ENVIRONMENTAL, Loveland, CO
Field Technician   *2002-2003*

- Supervised installation of soil vapor extraction (SVE) and air sparging systems (AS) and conducted system checks including general maintenance and collection of air samples.
- Installed and sampled monitoring wells located along pipelines, storage facilities, and gas stations.

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COLORADO SCHOOL OF MINES, Golden, CO
Graduate Student   ***1999-2002***
- Conducted research aimed at analyzing sub-micron sized soil colloids for their size and chemical composition by utilizing various sizing and chemical analysis techniques.
- Conducted laboratory validation of data through multiple runs of samples and statistical determination of significance.

LOS ALAMOS NATIONAL LABORATORY, Los Alamos, NM
Research Technician
Air Quality Division   ***1999***
- Designed an automated program in Access and Excel using Visual Basic and SQL to automate radionuclide concentration analysis of the auto-sampler database into queried time intervals, contaminants, and auto-sampler stations. Upon selection of criteria, Access would export the data to Excel and automatically graph the data.

Earth and Environmental Science Division   ***1998***
- Created a multiple year database of surface runoff and erosion data on disturbed and undisturbed surficial plots. Used Access and Excel to export data from a database to Excel to analyze data.

NEZ PERCE TRIBE – WATER QUALITY DIVISION, Lapwai, ID
Crew Chief   ***1997***
- Managed a crew to conduct stream surveys in northern Idaho.

TERRAGRAPHICS ENVIRONMENTAL ENGINEERING, INC., Moscow ID
Crew Chief   ***1996***
- Managed a crew to test for impacts to human health from prior lead releases outside Bunker Hill Superfund site in northern Idaho.

TRAININGS AND CERTIFICATIONS
Colorado Petroleum Storage Tank Fund Listed Consultant #6229
40-hr HAZWOPER, 2001
8-hr HAZWOPER Refresher, 2016
PEC Premier Training # bg 100126851
McCoy's 40 Hour RCRA training, 2015

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