

Joseph M. McGinley, P.E., P.G., C.E.M.
Principal

Professional Experience

Mr. McGinley is a Professional Engineer (NV), Professional Geologist (CA) and Certified Environmental Manager (NV) with more than 30 years of service to long standing and new clients alike. He has developed experience through a wide range of project types, environmental conditions, and multiple regulatory agency liaisons. Mr. McGinley has a strong background in site characterization, corrective action plan development and in the design and implementation of remedial systems. He is acutely familiar with federal, state and local environmental regulations and has developed a familiar relationship with the administrators of those agencies throughout the West.

Education

M.S., Civil Engineering, University of Colorado, Boulder, 1983.

B.S., Geological Engineering, University of Nevada, Reno, 1980.

Certifications and Registrations

Professional Engineer, Nevada, GEO #7472.

Professional Geologist, California, PG #7409.

Certified Environmental Manager, Nevada, CEM #1036.

OSHA, 29 CFR 1910 40-Hour, Hazardous Waste Operations and Emergency Response (HAZWOPER) and subsequent 8-hour Annual Refreshers

MSHA Part 48, Surface Miner Training

Selected Project Experience

Phase I Environmental Site Assessments

- Project Principal responsible for the completion of over 500 Phase I ESAs in Nevada, California, Arizona, Oregon and Utah. Projects performed for various lending institutions, developers, governmental agencies, private property owners, non-profit organizations, and others. The Phase I ESAs are prepared in accordance with the ASTM International standard E1527-13 and the All Appropriate Inquires (AAI) as promulgated in the USEPA ruling 40 CFR part 312.

Select Environmental Site Assessment and Remediation Projects – Solvent Sites

- **Boeing/Rocketdyne Former Nevada Field Laboratory, Reno NV** – Project Principal responsible for providing system design and performing the remediation of chlorinated solvents and perchlorate at three sites of this former rocket engine test facility.
- **Harrah's Hotel and Casino, Reno, NV** – Project Principal responsible for the design and oversight of installation of two air stripping units to remove PCE from groundwater as part of perpetual de-watering activities. Each stripping unit was designed to be capable of treating 500

gallons per minute and was permitted to discharge via a NPDES permit to an adjacent surface water body.

- **Big Tree Cleaners, Tahoe City, CA** – Project Manager responsible for services including: permitting; regulatory liaison; corrective action plan preparation (chlorinated solvent (PCE) contamination); remedial system design, installation, monitoring and reporting.
- **Reno Old Town Mall, Reno, NV** – Project Principal responsible for providing services including: groundwater monitoring; corrective action plan preparation; remedial system design and regulatory liaison for this PCE release site.
- **State of Nevada Division of Environmental Protection, Downtown Reno Ground Water Characterization Project, Reno, NV** – Project Manager responsible for the assessment and characterization of a PCE plume in downtown Reno, Nevada which impacts a potable water supply.
- **State of Nevada Division of Environmental Protection** – Project Manager for the administration of the State of Nevada Environmental Mitigation and Assessment program (EMAR), State of Nevada.

Select Environmental Site Assessment and Remediation Projects – Petroleum Sites

- **State of Nevada, Leaking Underground Storage Tank (LUST) Trust contract, NV** – Underground storage tanks at a gas station located in Carson City were removed along with all associated dispensers, underground piping, and vent piping. Subsequently, the site was further assessed and a conceptual site model was prepared for the site. Based on the conceptual site model, a corrective action plan was prepared and an Air Sparge/Soil Vapor Extraction remediation system was designed and installed.
- **University of Nevada, Reno, NV** – Project Manager responsible for the closure of the former Dodd/Beal fire fighting academy located in Stead, Nevada. Performed site characterization and assessment of the 57-acre parcel followed by the completion of a human health risk assessment to establish Site Specific Target Level (SSTL) for soil remediation. Remedial technologies utilized at this site included air sparging, monitor natural attenuation, bioremediation and vacuum extraction.
- **Al Park Petroleum, various sites, Norther NV** - Project Principal responsible for the assessment, remediation and state petroleum fund reimbursement procurement at several petroleum product sites. Services included site assessments, remedial design, and remediation system operation and optimization.
- **Berry Hinckley Industries, various sites, CA and NV** – Project Principal responsible for the assessment, remediation and state petroleum fund reimbursement procurement at several petroleum product sites. Services included site assessments, remedial design, and remediation system operation and optimization.
- **Gold Ranch Casino, Verdi, NV** – Project Principal responsible for services including: site assessment, free petroleum product (NAPL) removal, groundwater remediation design and system operations.
- **State of Nevada Division of Environmental Protection (NDEP)** – Project Manager for the administration of the Federal LUST TRUST program for the State of Nevada.

- **Cruse Properties, Truckee, CA** – Project Principal responsible for the assessment and remediation activities performed at two former retail gasoline sites.
- **Squaw Valley Ski Resort, Squaw Valley, CA** – Project Principal responsible for the oversight of UST removal activities; site assessments; permitting; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- **Former Allied Washoe Bulk Plants, various sites, CA and NV** – Project Principal responsible for providing assessment and remediation services for three bulk fuel distribution facilities. Services provided included: contaminated soil excavation; dewatering activities; permitting; regulatory liaison; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- **Elko County School District property, Elko, NV** – Project Principal responsible for providing services including: contaminated soil excavation; site assessment permitting; regulatory liaison; corrective action plan preparation and reporting.
- **Carson Valley Oil Bulk Plant** – Project Principal responsible for site assessment and remediation services following a kerosene release at this operating bulk fuel plant. Services performed included site assessment; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- **Cutler Property, Susanville, CA** – Project Principal responsible for providing services including: site assessment; corrective action plan preparation; and remedial system design for this former gasoline service station.
- **University of Nevada, Reno, various sites, NV** – Project Manager responsible for the oversight of the removal of 20 USTs; and providing site assessments and remediation system design/installation/operation for these sites, as applicable.
- **Western Energetix Corporation, various sites, CA and NV** – Project Manager responsible for providing services relating to LUST site assessment and remediation activities performed at 15 facilities in Nevada and California. Remedial technologies employed included bioremediation, air sparging, vacuum extraction and ground water pump and treat.
- **ARCO Products, various sites, NV** – Project Manager responsible for providing site assessments and remedial designs for 12 facilities in northern Nevada.
- **Texaco USA, Inc., various sites, NV** – Project Manager responsible for providing services related to site Assessments and remedial designs for five facilities located in Nevada. Remedial technologies employed included groundwater pump and treat, air sparging, vacuum extraction.
- **Nevada Thermal Service, various sites, NV** – Project Manager provided review of California Title 22 – Hazardous Waste Classification of soils imported to the State of Nevada for over 100 sites.
- **Sierra Pacific Power Company, Elko, NV** – Project Manager providing remedial design utilizing bioventing following UST removal at this facility.
- **Regional Transportation Company, Reno, NV** – Project Manager responsible for oversight of UST removal, upgrade activities, site assessment and remedial actions.

- **City of Sparks, Nevada** – Project Manager responsible for the oversight of the removal of 18 USTs, site assessment activities and remedial actions.
- **Dermody Properties, various sites, NV** – Project Manager responsible for the oversight of UST removal at 10 facilities, site assessment and remedial actions.
- **Silver State Trucking, Sparks, NV** – Project Manager responsible for the design and permitting of free phase (NAPL) petroleum product removal system and groundwater pump and treat system at this truck stop.
- **Time Oil Property, Fallon, NV** – Project Principal responsible for providing services related to a UST petroleum product release at this operating facility including environmental site assessment, regulatory liaison, corrective action plan preparation, remedial system design and report preparation.
- **Buggy Bath Car Wash, Reno, NV** – Project Manager responsible for the design of an *in-situ* vacuum extraction system, groundwater pump and treat and air sparging system at this operating facility in Reno, NV.

Select Environmental Site Assessment and Remediation Projects – Other CoCs

- **BMI Complex and Common Areas, and Las Vegas Wash, Henderson, NV** – Project Principal responsible for administering and directing the technical review team services for third-party review of the assessment and remediation of broad suites of contaminants in soil, groundwater, and surface water.
- **Diamond X Ranch, Douglas County, NV** – Project Principal responsible for administering and directing the technical review team services for the assessment of Acid Mine Drainage (AMD) impacts to rural ranch property. All sampling and analyses activities were National Contingency Planning (NCP) compliant.
- **Trap and Skeet Shooting Club, Washoe County, NV** – Project Principal responsible for administering and directing the technical review team services for third-party review of the assessment and remediation of broad suites of contaminants in soil, groundwater, and surface water.
- **Winnemucca Farms, Winnemucca, NV** – Project Principal responsible for providing services including: site assessment; vadose zone monitoring; groundwater flow and contaminant transport modeling performed at an operational potato processing plant.
- **State of Nevada Division of Environmental Protection, various sites, Sparks, NV** – Project Manager responsible for providing third party review of ground water remediation of petroleum hydrocarbons and chlorinated solvents at the Sparks tank farm and Helms Pit for NDEP and the Washoe County Health District.
- **First Interstate Bank, Reno, NV** – Project Manager responsible for providing services including the assessment and monitoring of PCE and TCE at this proposed commercial development site.

Select Brownfields Projects

- **State of Nevada, Brownfields Contract, NV** – Project Principal responsible for the implementation of the State of Nevada's Brownfields Grant throughout the State of Nevada.

Services included development and review of applications for governmental and municipal clients; development of project documents including Phase I and II ESAs, human health risk assessment, health and safety plans, etc.; and acquiring regulatory closure for these sites.

Select Expert and Material Witness Projects

- University of Nevada System v Clark Sullivan Constructors, et al
- Nevada Division of Environmental Protection and Dermody Properties vs. Sparks Fuel and Solvent site consortium
- Kelly v State Farm, et al
- Time Oil v Fredrickson Trucking, et al
- NDEP v Hagar
- Fallon Lawsuit (Leukemia cluster)