

**Ryan D. Defilippi, E.I.**  
**Staff Engineer**

**Professional Experience**

Mr. Defilippi is a civil engineer with over six years of combined academic and professional experience in civil engineering and environmental consulting. Mr. Defilippi's areas of expertise include conducting/managing Phase I and II Environmental Site Assessments (ESAs), technical report writing, cost estimations and proposals, project oversight, analytical data review, Toxics Release Inventory reporting, and asbestos sampling. In addition, Mr. Defilippi is familiar with engineering-related software such as ArcGIS Explorer, AutoCAD, Mathcad, Matlab, and SAP2000.

**Project Experience**

*Civil Design*

- **Venture Engineering and Consulting Inc.** – Intern Draftsman responsible for general blueprint review and editing associated with civil engineering projects in the Reno/Sparks area. Used general familiarity with city planning, building permits and roadway design.

*Metallurgy and Geology*

- **Kappes Cassiday and Associates** – Laboratory Technician responsible for all geological sample receipt and storage, which was organized on 50,000 cell spreadsheet. The samples originated from mines and various sites throughout the world, primarily from the Western Hemisphere. Organized and conducted various lab experiments related to metallurgy and mineral leaching. Analyzed geological samples using general geological terminology and sampling techniques. Also responsible for training new employees on safety and operation of the onsite machines and equipment.

*Phase I Environmental Site Assessments*

- **McGinley and Associates** – Staff Engineer/Project Manager responsible for conducting and managing numerous Phase I Environmental Site Assessments (ESAs) in Nevada and northern California. Assessed various commercial, industrial, and rural properties for the presence of recognized environmental conditions (RECs). These ESA activities were conducted following generally accepted consulting practices and standards in accordance with ASTM 1527. The objective of the Phase I ESAs are to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability.

*Phase II Environmental Site Assessments*

- **McGinley and Associates** – Staff Engineer/Project Manager responsible for oversight of soil/groundwater sampling during drilling/excavation activities at numerous rural and commercial properties to assess for the presence of contamination in the soil and/or groundwater. Responsible for identification of contaminant delineation and preparing a report of findings following review of analytical results.

*Toxics Release Inventory Reporting*

- **McGinley and Associates** – Staff Engineer responsible for yearly EPA Toxics Release Inventory (TRI) reporting on behalf of facilities utilizing toxic chemicals. Conversant with the

Emergency Planning and Community Right-to-Know Act (EPCRA) rules and regulations used to help support and promote emergency planning and provide the public with information about releases of toxic chemicals in their community. The TRI Program was created to support decision-making by industry, government, non-governmental organizations and the public in regards to the use of toxic materials that may pose a threat to human health and the environment.

#### *Nevada State Petroleum Fund*

- **McGinley and Associates** – Staff Engineer/Project Manager experienced in managing all aspects of the Nevada State Petroleum Fund from initial coverage to site closure.

#### *Indoor Air Quality Sampling*

- **McGinley and Associates** – Staff Engineer responsible for collecting building material samples during comprehensive asbestos surveys on commercial and industrial properties.

### **Education**

B.S., Civil Engineering, University of Nevada, Reno, 2014.

### **Certifications**

Engineer-in-Training (E.I.) #0T7335

OSHA, 29 CFR 1910 40-Hour, Hazardous Waste Operations and Emergency Response (HAZWOPER)

Asbestos Consultant, NV Lic. No. IM-1932

### **Professional Affiliations**

American Society of Civil Engineers (ASCE); Member since 2013

NAIOP – Northern Nevada Chapter; Developing Leader since 2015