



Education

B.S., Geological Engineering -Michigan Technological University, Houghton, Michigan, May 2000

Professional Registrations and Certifications

2006 Professional Engineer/Idaho #12512
2007 Certified Professional in Erosion and Sediment Control #4176
2013 LEED AP BD&C
2015 California Qualified SWPPP Practitioner (QSP)
2015 California Qualified SWPPP Developer (QSD)
2016 Boise City Plan Designer
2016 ITD Water Pollution Control Manager (WPCM)

Affiliations/Activities

Treasure Valley Clean Cities member and National Ski Patrol Volunteer

Qualifications:

Mrs. Newland brings over 15 years of expertise in stormwater and erosion control, project management, civil engineering, materials testing, and construction engineering/inspection for both private and public sector clients. Her industry experience includes: solid waste, aviation, commercial and residential development, and transportation. She has been extensively involved with project permitting, drainage design and stormwater pollution prevention plan development for projects in Idaho, Utah, and Colorado. She obtained her international certification in erosion and sediment control in 2007 and offers experience in Microsoft Project, ProCore, Flowmaster, HY-8, RUSLE, Microsoft Excel, Microsoft Word, ArcGIS, AutoCAD, and Bentley MicroStation.

Experience:

City of Sun Valley – Planning and Zoning Commission – Sun Valley, Idaho. Mrs. Newland was appointed by the Mayor of Sun Valley to sit on the City’s five-member Commission. As commissioner, Mrs. Newland is an advisor to the City Council and directs short and long range growth development of the City through maintenance and implementation of the City’s Comprehensive Plan. Her responsibilities include: interpretation and implementation of the City’s land-use codes and bylaws, regulation of land use and building aesthetics, and developing ordinances.

Waste Management Altamont Landfill – Wheel Wash and Medium Voltage Electrical Line Extension – Livermore, California. In conjunction with the expansion of Fill Area 2 at Waste Management’s award winning landfill located in Livermore, California, Mrs. Newland was the design manager of a \$2.1-million industrial wheel wash and medium voltage electrical line installation. Sherri held weekly design meetings with both the design team and client to ensure the success of this project. Her responsibilities included: design team selection, entitlement and building permit procurement, budget tracking and forecasting, preparation of construction plans, and project close out.

Waste Management of North County – Compressed Natural Gas (CNG) Fueling Facility – Oceanside, California. This six year

\$2.7-million CNG fueling and vehicle maintenance facility upgrade project was located in an environmentally sensitive area along the Loma Alta Creek in Oceanside, California. As the Design Manager, Mrs. Newland navigated the design team through the rigorous FEMA CLOMR/LOMR and CEQA approval process. Her responsibilities included: client coordination, design team selection, entitlement and building permit procurement, CEQA (MND) approval, FEMA approval, budget tracking and forecasting, preparation of construction plans, and project close out.

Waste Management - Compressed Natural Gas (CNG) Program- Multiple Locations, United States. As a Design Manager Mrs. Newland was directly responsible for managing over \$3-million in design costs for 20 fast track compressed natural gas (CNG) fueling and vehicle maintenance facility upgrades throughout the United States. In addition to being the lead point of contact for local jurisdictions, her duties included: leading and selecting design teams, entitlement processing and coordination, contract negotiations, project and man hour estimating, RFI coordination, preparing construction plans, SWPPP development, utility coordination, and project close-out.

WCS Waste Disposal – LLRW Disposal Facility - Andrews, Texas. AECOM (URS) was awarded a three-year \$80 million contract to lead the design and construction of a new LLRW disposal facility with associated improvements in Andrews, Texas. The facility was designed to capture all storm water that fell on site and divert into holding ponds. During construction, Mrs. Newland was the project engineer responsible for overseeing construction of the Byproduct Waste Disposal Cell as well as the drainage design and erosion and sediment control.

Connecting Idaho Partners – Erosion and Sediment Control Review Lead- Boise, Idaho. In 2005 the Governor proposed and won approval from the Legislature to improve 13 segments of the state wide transportation network in Idaho, to Connect Idaho, using GARVEE Bonds to fund the program. AECOM (URS) was the managing partner of a Joint Venture with CH2MHILL to complete this aggressive program which would expand and improve Idaho's transportation infrastructure throughout the state. On behalf of Connecting Idaho Partners Mrs. Newland was the SWPPP discipline lead and reviewed all project submitted SWPPP and Erosion and Sediment Control plans to verify the documents met the requirements of the EPA and the ITD Consent Decree.

Idaho Transportation Department/Connecting Idaho Partners- US-95, Garwood to Sagle – Athol Section - Kootenai County, Idaho. Sherri served as the drainage task lead for the design of approximately 6.3 miles of roadway in northern Idaho. Her duties include coordinating, developing, and designing of the roadway drainage system. Mrs. Newland utilized GIS data in ArcMap and developed the initial calculations for the Athol Cross Drain Design Hydraulic Report. In addition, Sherri designed and submitted the Athol Roadway drainage report. She also developed the Storm Water Pollution Prevention Plan recommendations for preliminary design.

Idaho Transportation Department - US-95 Sandpoint North and South (Sandpoint Byway) - Sandpoint, Idaho. This controversial project involved the relocation of US-95 from downtown Sandpoint. As a design engineer she prepared the Cultural Resource's Investigation Stormwater Pollution Prevention Plans and drawings. She also reviewed water quality standards, water samples, and revised/updated the project Stormwater Pollution Prevention Plans and narrative to meet requirements. In addition, she compiled and gathered project information for the Resident Engineer file.

Idaho Transportation Department - SH-162, Four Corners to Kamiah - Idaho County, Idaho – Mrs. Newland served as lead SWPPP designer and environmental contact for a shoulder widening and complete overlay project, her responsibilities included development of the project Stormwater Pollution Prevention Plan and Narrative. Additionally she coordinated and prepared the US Army Corp 404 Joint Application for Permit on behalf of the Idaho Transportation Department.

Utah Department of Transportation / Private Party - Aria Boulevard Interchange I-80 Access – Wendover, Utah. Mrs. Newland served as the lead SWPPP designer for the interchange and associated improvements to Aria Boulevard. The SWPPP was designed to meet the requirements set forth by the Utah Department of Environmental Quality which manages the NPDES program in Utah. She was responsible for researching, coordinating, and designing the Stormwater Pollution Prevention Plans and Narrative for the final roadway plan package.

Chevron Piceance Basin Gas Development Program – Garfield County, Colorado. This project involved the installation of a Central Production Facility and associated temporary storage area. As a Design Engineer Sherri developed the project specific erosion and sediment control plan and reviewed the existing Construction Stormwater Management Plan for project concurrence.

Boise City Airport - Taxiway and Taxiway "K" Reconstruction - Boise, Idaho. As the Resident Engineer Mrs. Newland was responsible for the onsite construction observation and oversight for the full depth reconstruction and relocation of Taxiway K. The \$2 million project required coordination with an existing heliport pad and an existing FAA facility in the vicinity, connection to existing taxiway pavements at the east and west ends of the new construction, edge lighting, relocation of airfield signage, storm drainage improvements, and pavement markings.

Boise City Airport - Taxiway "F" Rehabilitation and Taxiway "K" Seal Coat- Boise, Idaho. This project included a bituminous overlay of approximately 2,000 linear feet of taxiway. As the Resident Engineer Mrs. Newland was responsible for the onsite construction observation and oversight for the mill and overlay adjusting cross slope deficiencies to meet FAA grade criteria and accommodate A300-600 aircraft. In conjunction, Taxiway K was crack sealed and seal coated to prolong pavement life and reduce FOD.

ACHD - Erosion and Sediment Control Services - Ada County, Idaho.

The Ada County Highway Districts (ACHD) owns and operates a portion of the MS4 system in Idaho. As an owner and operator ACHD was mandated by the EPA to control and monitor contaminants that enter this system. The EPA views construction related sediment as a pollutant. Mrs. Newland developed, managed, reviewed, and inspected contractor submitted designed erosion and sediment control plans and Best Management Practices, designed to reduce sediment and erosion, on behalf of the Ada County Highway District. Daily Mrs. Newland contacted and coordinated with the client in order to continually develop and improve the program process.

Idaho Transportation Department – U.S. 95 Over Calf Creek - Nez Perce and Latah Counties, Idaho. As a Staff Geotechnical Engineer, Sherri performed the field drilling and soils investigation, materials analysis, and engineering analysis for Phase IV – Foundation Investigation Report

Employment History:

S&C Associates LLC
2016 - Present *Owner*
City of Sun Valley
2016 – Present *Planning and Zoning Commissioner*
ET Environmental LLC
2010 – 2016 *Design Manager*
AECOM (Formally URS)
2005 – 2010 *Design Engineer*
American Geotechnics, Inc., Boise, Idaho
2004 - 2005 *Geotechnical Engineer*
Terracon, Inc., Boise, Idaho
2000 - 2004 *Staff Engineer*

Additional Education:

APEX Program
University of Sonora, Sonora, Mexico, September 1999
Certificate of Spanish
Autonomous University of Guadalajara,
Guadalajara, Mexico, June 1997
CE 332-Hydrology through Boise State University

Relevant Training and Seminars:

Water Pollution Control Manager (WPCM) Training, October 19, 2016
Technical Writing Workshop for Engineers, June 19, 2015
NEC Essentials (NFPA 70 2014 Edition) 3-day Seminar, October 20, 2014
Current Issues in Stormwater Regulation, August 27, 2008
Introduction to ArcGIS I, October 19, 2007
Erosion Control Training: Practical Erosion Controls and How to Install Them On Your Site, June 6, 2006
Wetlands Regulation and Enforcement, March 31, 2006
CPESC Exam Review Course, February 20, 2006
Innovative Restoration: Applied Process and Technologies for Stabilizing Streambanks and Restoring Rivers, February 20, 2005
Effective Inspection Programs for Construction Site Runoff Control, February 21, 2005
Inspection Ground Rules: How to Evaluate a SWPPP and Inspect a Construction Site, February 21, 2005