



## **STATEMENT OF QUALIFICATIONS:**

**Peak Hydrogeologic, PLLC**  
Environmental and Water Resources  
Consulting and Contracting Solutions

470 Hogback Mountain Road  
Tryon, NC 28782

(828) 817-5209

[www.peakhydrogeologic.com](http://www.peakhydrogeologic.com)



August 2018



## Table of Contents

<b>1.0</b>	<b>Executive Summary</b>
<b>2.0</b>	<b>Administration and Management</b>
<b>3.0</b>	<b>Staff Member Qualifications</b>
<b>4.0</b>	<b>List of Services</b>
<b>5.0</b>	<b>Insurance Coverage</b>



## 1.0 Executive Summary:

Peak Hydrogeologic, PLLC (Peak HG) is an employee-owned environmental and water resources consulting and contracting firm founded in October 2016. Peak HG serves its clients in western North Carolina, Upstate South Carolina, and throughout the southeastern United States from its corporate office in Tryon, North Carolina. Peak HG provides environmental solutions that focus on:

- Site Investigations
- Remediation
- Resource Management
- Regulatory Compliance

Peak HG's mission is to provide big firm expertise with small firm efficiency and flexibility and client value that exceeds cost. By staying up to date with new technology, regulatory changes, and numerous industry connections; Peak HG delivers consulting/contracting solutions that balance financial costs with protection of liability, human health, & the environment. The NC & SC-licensed and insured environmental professionals with Peak HG perform scientific investigations to generate easily understandable reports to make informed land management decisions. Scientific results and professional recommendations are delivered on time and within budget to meet client needs and regulatory requirements.

Services include: septic permitting, septic inspections, underground storage tank investigations, Phase I/II Environmental Site Assessments, Brownfield redevelopment contract management, stormwater management services, regulatory compliance monitoring, and water/soil/air testing to meet project specific design and regulatory requirements.

Peak HG's expertise in providing high quality environmental and water resources consulting and contracting services is based on:

- Higher education in the fields of hydrogeology, aqueous geochemistry, soil science, environmental policy, and business management.
- Over 12 years project management experience for residential, commercial, industrial, municipal, and non-profit clients at sites across the United States (SC, NC, TN, VA, MD, ID, OR, WA, NM, and Washington DC) and abroad (Morocco and Suriname).
- A reliable network of highly qualified subcontractors in the fields of: certified laboratory analytical services, drilling/soil boring, well installation, waste disposal, stream/wetland delineation, mold and asbestos testing and removal, geophysical mapping, utility locating, remediation specialists, partnering design/engineering firms, equipment vendors, etc.
- A firm commitment to providing high-quality work and responsible solutions for efficient and cost-effective management of environmental and water resources issues.



## **2.0 Administration and Management:**

Peak HG's corporate office is located at 470 Hogback Mountain Road in Tryon, North Carolina. The corporate office provides operational and administrative support to fieldwork performed throughout the southeastern US.

- Contact: Jonathan D. Gerst, MS, PG  
Principal Hydrogeologist
- Address: Peak Hydrogeologic, PLLC  
470 Hogback Mountain Road  
Tryon, NC 28782
- Phone: (828) 817-5209
- Website: [www.peakhydrogeologic.com](http://www.peakhydrogeologic.com)
- Email: [jgerst@peakhydrogeologic.com](mailto:jgerst@peakhydrogeologic.com)
- Tax ID#: 82-0895402



### **3.0 Staff Member Qualifications:**

#### Jonathan D. Gerst - Principal Hydrogeologist

- South Carolina Professional Geologist #2644
- North Carolina Professional Geologist #2515
- North Carolina Certified Septic Inspector #55981
- Oregon Professional Geologist #G2405 (inactive)
- B.A. Geology - Appalachian State University
- M.S. Hydrogeology- Virginia Tech
- Returned Peace Corps Environmental Volunteer ID# 100573189
- 40-hour & 8-hour refreshers for OSHA 29 CFR part 1920.120 Hazardous Waste Operations & Emergency Response (HAZWOPER) Certification #1609155131038
- 24-hour & 8-hour refreshers for OSHA 30 CFR part 46 for Mine Safety & Health Administration (MSHA) Trained
- Vapor Intrusion Mitigation Trained (Hartman Environmental)
- Groundwater Contamination Remediation Trained (National Groundwater Association)
- Stream Rehabilitation Trained (NC State Univ.)
- Geological Field Mapping Trained (Idaho State Univ.)
- ArcGIS Trained (ESRI)
- AutoCAD Trained
- First Aid/CPR/AED Trained
- Wilderness First Aid Trained
- Confined Space Entry Trained
- Environmental Experience = 16 years (6 years higher education + 10 years professional)



#### **4.0 List of Services:**

- Real Estate Due Diligence:
  - Phase I & Phase II Environmental Site Assessments;
  - Point-of-Sale Underground Storage Tank Investigations;
  - Water well design, installation oversight, quantity/quality testing, and rehabilitation.
  
- Brownfields redevelopment:
  - Industrial site assessment, state brownfields contract application, work plan preparation/approval, subcontractor oversight, state reporting of analytical results, and regulatory coordination when determining need for waste disposal, on-site remediation, and/or land-use deed restrictions.
  
- Contaminant Remediation:
  - Treat/removal of petroleum hydrocarbons, solvents, pesticides, and heavy metals via remedial injection, sparging, active/passive extraction systems, or proper off-site disposal.
  
- Water Resources Management:
  - Groundwater: aquifer testing (pump tests, packer tests, and slug tests), vertical and lateral water quality profiling, water and monitoring well design, well construction contracting & oversight, soil/rock/water quality testing, down-hole video and geophysical logging, well rehabilitation, treatment/remediation system design and contracting, well head survey, and septic mounding analyses;
  - Streams: flow gauging and rating curve generation, jurisdictional determinations, rehabilitation design/contracting, construction permits, diversions/withdrawals, and sediment/water quality testing; and
  - Lakes: vertical & lateral water quality profiling and sediment/water quality testing.
  
- Other environmental services:
  - State and federal environmental impact (NEPA) reporting, corrective action plans, stormwater pollution prevention plans, spill prevention control and countermeasure plans, and geologic mapping.



**5.0 Insurance Coverage:**

Peak HG carries the following insurance coverage:

- |   |                |
|---|----------------|
| • Commercial General Liability                | \$2,000,000.00 |
| • Contractors Pollution Liability             | \$2,000,000.00 |
| • Professional Liability (Errors & Omissions) | \$2,000,000.00 |
| • Automobile Insurance                        | \$300,000.00   |

Higher limits of insurance coverage are available upon request. The contact for Peak HG's insurance coverage is:

Capitol Specialty Insurance Corp.  
& Nationwide Insurance Company  
C/O Renae Dusenbury-Waldman  
Dusenbury Insurance Agency LLC  
60 Walker Street  
Columbus, NC 28722  
(828) 894-2546