



# STATEMENT OF QUALIFICATIONS GEOTECHNICAL ENGINEERING



**INBERG-MILLER ENGINEERS**

***SERVING THE INTERMOUNTAIN WEST!***



# INBERG-MILLER ENGINEERS

Casper | Cheyenne | Gillette | Green River | Riverton | Greeley, CO

## GREETINGS FROM IME!

Thank you for considering Inberg-Miller Engineers for your geotechnical engineering needs. The following information has been compiled to give you a better understanding of the services offered by our Geotechnical Department, as well as share our qualifications, and provide general information about IME as a company.

Inberg-Miller Engineers operates its own fleet of truck and track-mounted drilling equipment, performs a broad spectrum of laboratory testing, and has a staff of qualified, registered, and experienced professional geotechnical engineers and geologists.

Inberg-Miller Engineers has accumulated over 4 decades of experience with subsurface exploration throughout Wyoming and other Western Rocky Mountain states. We have drilled and logged many miles of test borings, and together with laboratory testing and engineering analysis, we have provided geotechnical recommendations for hundreds of projects ranging in size up to the largest in our service area.

At Inberg-Miller, we take pride in our accuracy, timeliness, and on-site safety. Please contact us to discuss the details of your projects, ask us questions, and get a site specific proposal. We look forward to working with you now and in the future!

Sincerely,

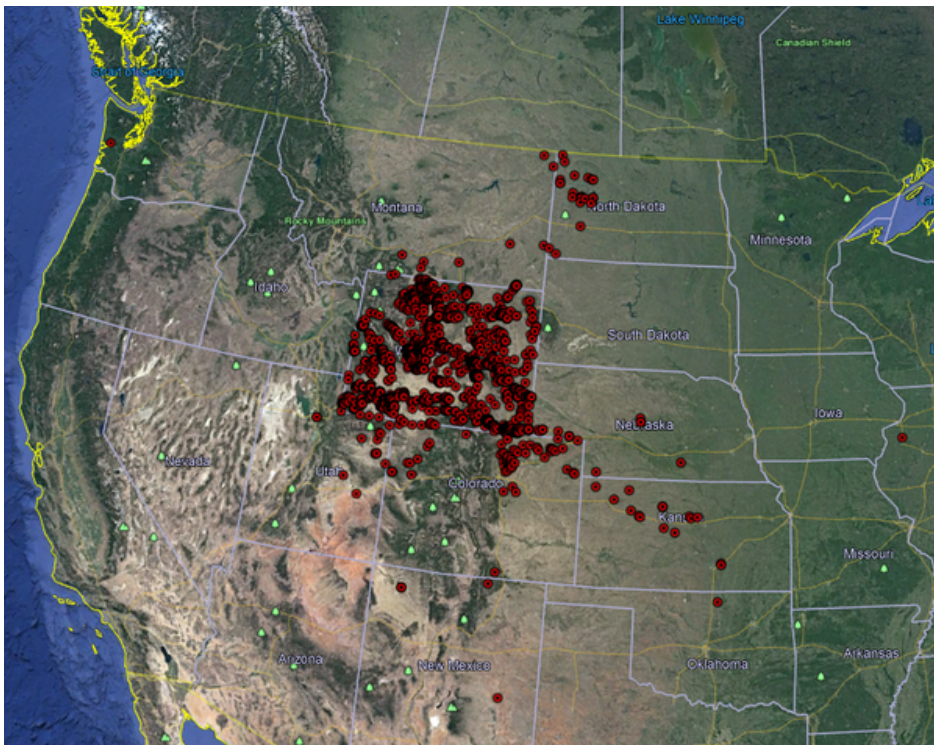
INBERG-MILLER ENGINEERS  
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VISIT OUR WEBSITE!  
[www.inberg-miller.com](http://www.inberg-miller.com)

**WE LOOK FORWARD TO WORKING WITH YOU!**

**OUR GEOTECHNICAL ENGINEERING STAFF INCLUDES PROFESSIONAL ENGINEERS WITH ADVANCED DEGREES IN GEOTECHNICAL ENGINEERING AND WITH A COMBINED EXPERIENCE OF OVER 160 YEARS. THIS EXPERIENCE HAS BEEN GAINED FROM PRACTICING IN WYOMING AS WELL AS THROUGHOUT THE COUNTRY.**

We have performed subsurface explorations for our clients at many sites throughout the Intermountain West Region. We have drilled thousands of test borings and sampled soil and rock throughout the region at depths ranging from 5 feet to over 200 feet. As a result, we are very familiar with a range of geologic conditions that can impact the performance of roads, embankments, and various structures. Depending upon the soil and groundwater conditions encountered and the anticipated project requirements, we provide our clients with recommendations for practical and cost-effective solutions for subgrade improvement, foundations, earthwork, pavement section designs, and repairs for existing pavement systems.



**THIS MAP ILLUSTRATES OUR REGIONAL GEOTECHNICAL EXPERIENCE. EACH RED POINT INDICATES A SUBSURFACE EXPLORATION PROJECT LOCATION.**

**INBERG-MILLER ENGINEERS OWNS RIGS OPERATING OUT OF 7 OFFICE LOCATIONS WHICH ALLOWS FOR FLEXIBLE SCHEDULING AND COST-SAVINGS!**



## Field Services

- Auger Drilling
- Air and Mud Rotary Drilling
- Rock Coring
- Direct Push
- Test Pit Excavation
- Geophysical Testing (Refraction/Reflection, Resistivity, Cross-hole, Downhole)
- Packer Permeability Testing
- Monitor Well Installation
- Groundwater Pumping Tests
- Borehole Instrumentation
- Settlement Monitoring
- Down-Hole Testing (Pressure Meter, Penetration Resistance, Vane Shear)
- Explorations for roadway, borrow sources, and aggregates



## Engineering Services

- Slope Stability Modeling and Analysis
- Retaining Wall Analysis
- Foundation Analysis and Design Recommendations
- Earth Dam & Reservoir Design and Reconnaissance
- Ground Improvement Evaluation
- Building Distress Evaluation
- Settlement and Deformation Analysis
- Seismic Risk Evaluation
- Expert Testimony
- Pavement Evaluation, Rehabilitation, and Replacement Recommendations
- Groundwater Control and Dewatering
- Fill Borrow Source Evaluations



## Laboratory Services

- AASHTO (Cheyenne and Casper) and USACE Accredited Labs
- Moisture-Density Relations of Soils, Particle Size Analyses, Soil Index Tests
- Soil Classification, Strength Tests, Volume Change, California Bearing Ratio Test
- Triaxial Shear Strength Tests, Permeability Tests, Corrosivity Tests (Soil)
- Analytical Testing of Soil and Ground Water Samples
- Packaging and Handling of Samples
- Mobile Laboratory
- Concrete and Asphalt Mix Designs



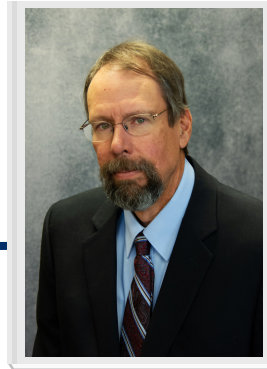
# MEET OUR TEAM

## GEOTECHNICAL DEPARTMENT

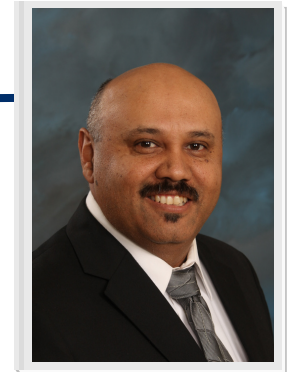
YOUR SITE, OUR  
PRIORITY!



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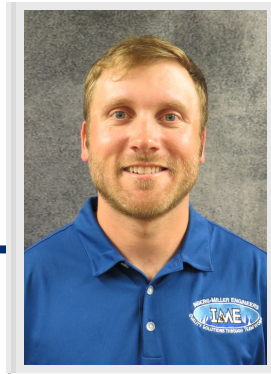
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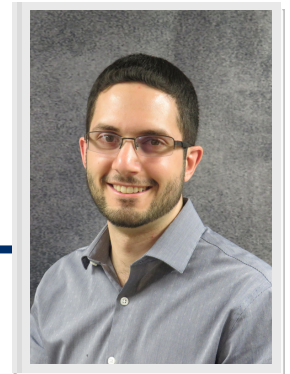
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**GIVE US A CALL TODAY TO  
GET YOUR PROJECT STARTED!**

**WE HAVE LONG MAINTAINED THAT QUALITY SOLUTIONS COME THROUGH TEAMWORK. THIS MEANS THAT EVERY PROJECT PLAYER IS INVITED TO HELP IDENTIFY A PATH FORWARD THAT MEETS PROJECT NEEDS.**



## **Inberg-Miller Engineers encourages participation by:**

- Holding project kick-off meetings to review various technical concerns, safety, and hazards, and discuss objectives so that we proceed efficiently toward completion.
- Providing timely updates during the course of services to explain changes, particularly as they may affect the scope, cost, and schedule of our services.
- Implementing redundancy in office support so that if the project manager is not available, a peer or supervisor can step in to make critical decisions or provide important information.
- Field engineers will regularly update the design team, civil and structural engineers, with our informal findings so that they may offer feedback or deduce how to apply the information to benefit your project. Often this process begins immediately upon completion of field services. Final reports document what decisions were made and why those actions were taken.
- Our staff is always available even after our geotechnical report is issued, to help support your project team adjust to any changes, provide supplemental information, visit the site location, and attend meetings as needed.



**IME's Engineering Team brings *value* because we have the experience to provide you with appropriate and cost-effective recommendations tailored to your project.**

# SCHEDULE

*WE UNDERSTAND THE IMPORTANCE OF A SCHEDULE. IT IS IMPORTANT TO NOT ONLY GET THINGS STARTED PROMPTLY BUT ALSO TO WORK THROUGH TASKS AND DELIVER FINDINGS IN A TIMELY MANNER.*



## Meeting Your Geotechnical Scheduling Demands

- Our entire project management team meets weekly to plan the following week of work. We look for ways to combine efforts across six office locations and bring forward resources that are available the soonest.
- We operate six drill rigs with a staff of experienced drillers, which puts us in full control of our schedule and allows us to meet commitments without depending on a subcontractor and their schedule.
- All seven of our offices can provide laboratory testing support to geotechnical projects. We can distribute samples internally according to availability and speed up the lab testing phase of our services.
- We value communication both internally and with our client's project team. Our drilling personnel and field engineers work as a team to accurately characterize subsurface conditions. Our communication allows us to quickly get information to decision-makers. We often begin sharing information within a day of completing the fieldwork.



*INBERG-MILLER ENGINEERS USES ITS OWN DRILLING EQUIPMENT, WHICH PUTS US IN CHARGE OF THE SCHEDULE AND GIVES US THE ABILITY TO SEAMLESSLY ADAPT TO CIRCUMSTANCES AND CONDITIONS AS THEY ARISE.*

IME operates six geotechnical/environmental drilling rigs. Our fleet of drilling rigs is designed to meet the needs of most any shallow drilling conditions. We have a CME-45 that is compact and can drill in tight spaces. We have two Mobile B-57 drill rigs and a CME-55 drill rig capable of most hollow-stem auger drilling applications. Our CME-85 is the largest and most powerful drill rig we operate and is used for more challenging drilling conditions and for deeper borings and well installations. The newest addition to our drilling fleet is a CME-55 track rig that can travel through rough terrain that is not normally accessible by traditional rubber tire drill rigs.

We offer a full range of drilling equipment. Soil drilling tools include hollow-stem augers (HSA), solid flight augers (SFA), split spoon samplers, California tube samplers, shelly tube samplers, and a continuous sampling system. Rock drilling tools include air and mud rotary systems, a cyclone sampling system, and an NX wireline coring system for rock coring. In situ testing equipment may include pressure meter, Iowa Borehole Shear Test (BST), and cone penetrometer testing (CPT).



## **Regional Conditions and Approach**

Drilling conditions throughout the Intermountain West Region can be challenging in terms of weather, access, terrain, and difficult subsurface conditions. Our drillers have developed excellent judgment concerning what can be done and how it should be done to remain safe.



## Experience counts when it comes to accurate site characterization!

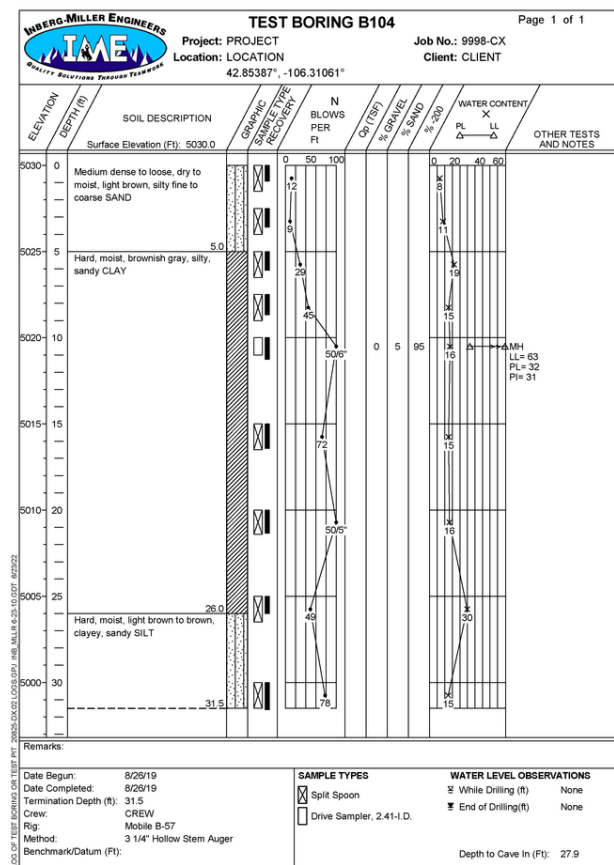
At Inberg-Miller Engineers, we draw on decades of experience based on miles of vertical drilling, sampling, and testing to plan our approach to each new project. Our test boring and laboratory information is archived to form an extensive database to help us develop a well-informed subsurface exploration plan tailored to your project.

We collect boring logs, field tests, and myriad other data electronically so that they can be input directly to the soil laboratory scheduling, which is included in the engineering analysis and reporting. We can update the project team with our initial findings as soon as fieldwork is complete and as the work in the lab and office gets underway.

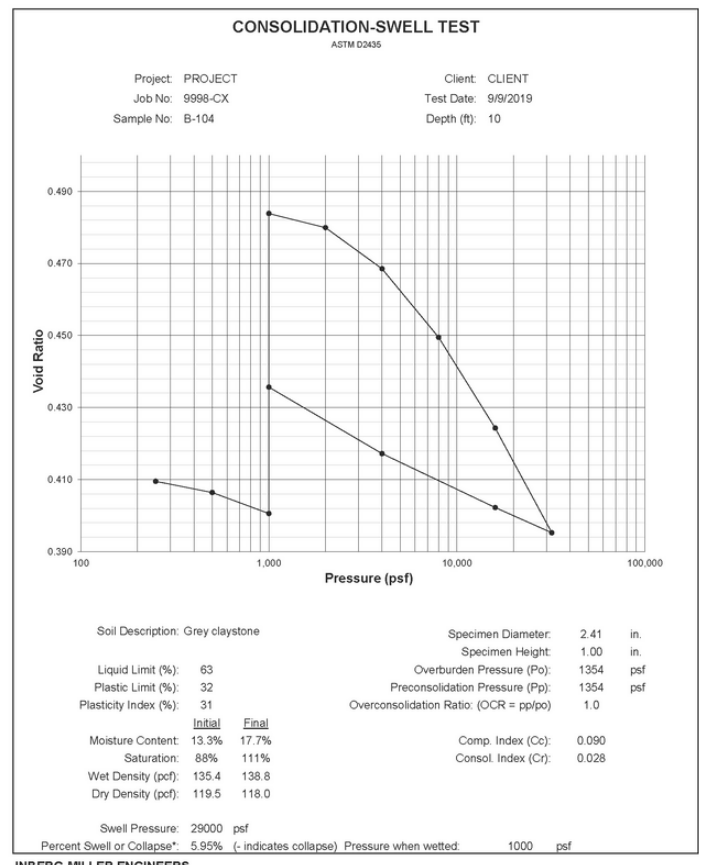
Boring logs are a comprehensive, visual display of the information collected within a borehole during the subsurface exploration as well as laboratory test results performed on the soils. The logs display the depth, location, and elevation of the borehole, as well as the various soil strata encountered, coupled with the in-situ strength. Laboratory results such as material gradation, water content, and Atterberg Limits are also included.

Documents in addition to boring logs include more sophisticated laboratory results, such as Consolidation-Swell tests. "Con-Swell" tests are paramount in determining the consolidation and/or swell/collapse potential of the soils. This information is used to make appropriate recommendations for foundation systems.

### Boring Logs



### Consolidation-Swell Test



# PROJECT EXPERIENCE

*From the field to the office, Inberg-Miller Engineers has experience providing geotechnical expertise and subsurface exploration on a variety of projects. After nearly half a century of geotechnical engineering, Inberg-Miller Engineers has participated in a full host of projects across numerous market sectors throughout the Intermountain West.*



## **OUR EXPERIENCE INCLUDES:**

- ✓ Industrial
- ✓ Oil & Gas
- ✓ Highways, Roads & Bridges
- ✓ Educational Facilities
- ✓ Multi-Family Housing
- ✓ Community Projects
- ✓ Retail / Commercial
- ✓ Airports

*The following pages include a few projects that exemplify our experience. While the list is by no means comprehensive, it displays our versatility and ability to provide value to your project.*

**WE HAVE THE KNOWLEDGE TO PROVIDE SPECIFIC PROJECT EXPERIENCE RELEVANT TO YOUR NEEDS AND AID IN YOUR SUCCESS!**

**INBERG-MILLER ENGINEERS**



# PROJECT EXPERIENCE

## ROADS AND BRIDGES - CARBON COUNTY ROAD 121 & EKOLA BRIDGE

The CCR 121/Ekola Bridge project consisted of the construction of a new bridge crossing the Medicine Bow River located approximately 200 feet southwest of the existing Ekola Bridge. The purpose of the project was to resurface the existing gravel road and replace the existing Ekola Bridge in preparation for anticipated heavy construction traffic during the construction of PacifiCorp's Aeolus Substation site located north of the project.

Due to the location of the bridge replacement, approximately 0.76 miles of County Road 121 was realigned to match the location of the new bridge. The project also consisted of resurfacing approximately 9.45 miles of gravel roadway along Carbon County Road 121 from the intersection of US Highway 30 to a point approximately 900 feet north of the Medicine Bow River bridge crossing.

IME teamed with Oftedal Construction under a design-build contract to provide professional engineering and land surveying services including:

- Topographic and boundary surveying
- County road design including new road alignment
- Hydraulic analysis and design of culvert replacements along 11 miles of county road
- USACOE and DEQ permitting
- Wetlands delineation
- Construction staking
- Construction observation
- Construction materials testing
- IBC Special Inspections of bridge elements



Design and permitting efforts began in December of 2017 and construction of the bridge began in March of 2018. Even with this accelerated time frame, Inberg-Miller Engineers was able to complete the design plans, obtain USACOE and DEQ permits, and gain Carbon County approval in just a few months. The project was completed in August of 2018 with a construction cost of \$6.5M.

## **BORROW PIT CHARACTERIZATION – 17 MILE ROAD BORROW PITS, WYOMING DEPARTMENT OF TRANSPORTATION**

This project consists of the reconstruction of approximately 8 miles (12.9 kilometers) of rural highway located on the Wind River Indian Reservation. The subsurface exploration consisted of drilling, sampling, and testing 66 test borings both on the roadway and in potential cut and fill areas within the existing right-of-way. Information obtained from the exploration was used to define the subsurface soil conditions and groundwater levels along the alignment. Information obtained from laboratory test results was used to evaluate the existing support capabilities of the roadway subgrade and to develop recommendations for the proposed improvements.

Based on the information obtained from the exploration, Inberg-Miller prepared a complete set of Standard Soil Survey Sheets (T148 Forms) for the entire 12.9-kilometer alignment. Inberg-Miller also developed geotechnical recommendations regarding subgrade support, excavatability, drainage, culvert foundations, and other considerations pertinent to the design of the pavement section.

Inberg-Miller Engineers provided full design services for this project. A key consideration for any road project is the location, quality, and properties of soil and aggregate sources to be used for pavement, base, and embankment construction. The 17 Mile Road project exemplifies the full scope of this common requirement for proper planning and design. Fortunately, a high-quality source of crushing gravel, along with a reasonably well-graded sandy soil for embankment was present within a mile of the project. Inberg-Miller Engineers surveyed the area, explored the borrow areas with a series of test pits, performed extensive classification tests, and prepared a preliminary mix design of laboratory-crushed gravel to provide design information on quality, quantity, swell-shrink factors, and mix properties, all according to Wyoming Department of Transportation standards.



## WINDFARM ACCESS ROADS – SIERRA MADRE CHOKECHERRY WINDFARM ROADS, FUGRO/POWER COMPANY OF WYOMING

Windfarms require a network of good roads for construction and operation equipment areas where there is often poor soil. Where roads travel up drainages and valleys, thick deposits of wind-blown silty soil collect and form the roadbed. Such soils are highly moisture sensitive and provide poor subgrade for gravel surfacing and culverts. Inberg-Miller Engineers performed subsurface exploration, including laboratory testing, for over 20 miles of windfarm roads and culverts. We explored borrow areas for potential aggregate and evaluated cement treatment to stabilize the moisture-sensitive soil.



## LANDSLIDE STABILIZATION – PRIVATE RESIDENCE



A wet spring season and a steep slope combined to result in a landslide that threatened a beautiful home at a remote location in Wyoming. IME performed site reconnaissance supported by our unmanned aerial vehicle (UAV). Based on the careful topographic mapping of steep terrain, we planned and executed subsurface exploration to characterize the site. Once conditions were well understood, options for slope stabilization were presented to the owner. The decision was made to primarily protect the home as a first step. This led to the installation of a soil-nailed wall that extended 200 feet and up to 25 feet high, along with various drainage improvements to help reduce the susceptibility of the slope to unseasonably high moisture levels.

## PIPELINES – TALLGRASS PONY EXPRESS PIPELINE, URS



Geotechnical challenges related to pipeline construction are largely logistical. Pipelines cover a vast length, are fast-paced, often involve rough terrain, may involve uncooperative landowners, and are subject to change route with little notice depending on right-of-way acquisition. The Pony Express Pipeline spanned five states and required a total of 250 test borings and 8,480 feet of drilling for 103 pump stations, HDD bores, and meter, valve, and compressor stations, making the Pony Express pipeline particularly demanding. Close coordination between surveyors, utility locators, property owners, land acquisition professionals, and the field crews were vital. At times there were 2 to 3 crews gathering geotechnical information to keep up with the project and help make it a success.

## OIL AND GAS – SHUTE CREEK GAS PLANT, EXXONMOBIL

ExxonMobil undertook expansion of their Shute Creek Gas Plant near Kemmerer, Wyoming with a series of projects that included various processes to augment the overall plant mission of sour gas sweetening. The site is underlain by highly expansive sedimentary bedrock that required all important structures to be supported on a system of deep drilled pier foundations. Further, the project included process equipment that has dynamic loading, therefore cross-hole seismic testing was also performed to characterize the dynamic properties of the soil. Substantial site balancing was required in addition to the special foundation construction. Inberg-Miller Engineers supported the project from design through construction.



## AIRPORTS – RIVERTON AIRPORT MAIN RUNWAY AND APRON EXTENSION/REHABILITATION, JAVIATION



Geotechnical considerations for airports often involve substantial earthwork as embankments are built for runway extensions. Evaluating airport pavement that can range over 2 feet thick, and vary widely within the same runway, is another challenge. Inberg-Miller helped address these issues at the Riverton Airport through evaluation of an on-site borrow source, coring and soil borings, and laboratory analysis of pavement materials and subgrade soil. We also supported the design engineer through construction with materials testing for quality assurance according to the FFA Requirements.

## EARTH DAMS – LUCKY MC MINE TAILINGS DAMS, PATHFINDER MINES

Tailings dams, especially older ones, create some interesting geotechnical conditions. They often have marginally stable slopes for lack of long-term design. They may span over saturated soils that are prone to liquefaction. Soils comprising the dam may vary widely as they are built in stages over a long period of time. These are all conditions that apply to the extensive drilling, characterization, analysis, and recommendations for stabilization performed by Inberg-Miller Engineers for the closure of a former uranium mill site located in Gas Hills, Wyoming. The work was performed under close review by the United States Nuclear Regulatory Agency.



## **INSTITUTIONAL – WYOMING LIFE RESOURCE CENTER, WYOMING CONSTRUCTION DEPARTMENT**



When new construction overlaps existing structures, a new set of challenges is added to what might be common geotechnical engineering. Inberg-Miller Engineers performed extensive subsurface exploration around buildings that compose the Wyoming Training School site in Lander, Wyoming, and discovered a site that had widely varying conditions, some of which required drilled pier foundations due to expansive soil and other areas where conventional shallow spread footings would be acceptable.

However, working with the demolition of buildings and the uncertainties associated with buried foundations further complicated matters during construction. The project demanded our constant attention as conditions were revealed and required adaptation to move forward. A hallmark of Inberg-Miller Engineers' performance was completing geotechnical exploration services within a tight timeline and within budget.

## **SCHOOLS – RIVERSIDE (BASIN) SCHOOL, BIG HORN COUNTY SCHOOL DISTRICT 4**

Expansive soils are a condition that brings serious considerations to projects throughout planning and design. Inberg-Miller Engineers assisted the School District by screening soil conditions at several sites in the Basin area before a site was selected that met the owner's needs. However, the selected site was underlain by expansive soil conditions. Inberg-Miller Engineers joined with Keller to evaluate the benefit of pre-treating the soil with water injection, which would have been the first use of the technology in Wyoming. However, despite promising results, low-risk tolerance won out over the cost savings, and drilled piers were used to support the new buildings. Inberg-Miller Engineers fully supported the project from site selection through construction.





## LARGE SCALE INDUSTRIAL – SIMPLOT AMMONIA PLANT, LINDE ENGINEERING



Inberg-Miller Engineers undertook subsurface exploration and site characterization for a large expansion to a plant operated by JR Simplot south of Rock Springs, Wyoming. We invited the University of Wyoming Geology Department to join us in the work by conducting geophysical exploration to augment our direct drilling and testing. Together we prepared a report that detailed findings and recommendations for large liquid storage and containment, various process buildings and equipment, and a network of roads to serve the plant. Based on the detailed information provided by the field exploration, we were able to recommend relatively high design values for foundations, and saved substantial construction costs. Particular challenges included working with fragmented rock and its potential re-use as site fill.

## CRANE COLLAPSE – BLACK THUNDER COAL MINE, TIC

Nobody wants to be part of a failure, but when an accident happens that results in injury and damaged property, good answers are needed as to why. One of the world's largest cranes was being used to place the final sections of a conveyor system to the top of a coal silo when it suddenly collapsed over a railway and equipment, severely injuring 3 workers. Inberg-Miller Engineers was on the site immediately on behalf of the contractor to begin gathering information that would help those involved understand the role of subsurface conditions on the collapse and support our testimony as expert witnesses for the ensuing litigation.



## SPECIAL GROUND IMPROVEMENT – AQUATIC CENTER, CAMPBELL COUNTY SCHOOLS

In March 2021 Inberg-Miller Engineers was contacted by Campbell County School District to help explore alternatives to drilled pier foundations for support of the proposed Aquatic Center located in Gillette, Wyoming. Embedding a swimming pool into soft saturated soil creates some unusual circumstances to be considered by the design team. In particular, when soil is replaced by pool water, or perhaps even air if the pool is empty, there is a net upward (buoyant) force to address. Combine that condition with fill placement over weak, compressible soil and the need arises for extraordinary construction methods. We reviewed available project and subsurface information with the design team and performed a supplemental subsurface exploration. The exploration included performing downhole pressure meter testing to improve understanding of the engineering properties of soil and bedrock at the site. Equipped with this information, we interviewed specialty geotechnical contractors to discuss potential time and cost-saving alternatives to drilled piers. Based on this effort, we recommended a series of ground improvements that included raising the site grade, expediting consolidation settlement of saturated clay layer via wick drains, and the use of reinforced compaction grouted columns. While project costs are not fully established at this point, a savings of roughly 1/3 the cost of drilled piers is possible, with additional benefits to the project schedule.



# FIRM PROFILE

## EXPERTISE

Inberg-Miller Engineers employs over 65 civil, geotechnical, and environmental engineers, land surveyors, scientists, technicians, and administrative staff.

Our staff holds advanced degrees and training in specific disciplines, in addition to being versatile enough to assist in Inberg-Miller's overall mission of "Quality Solutions through Teamwork."

We have Certified Federal Surveyors (CFedS) in house to perform those surveys requiring this certification.

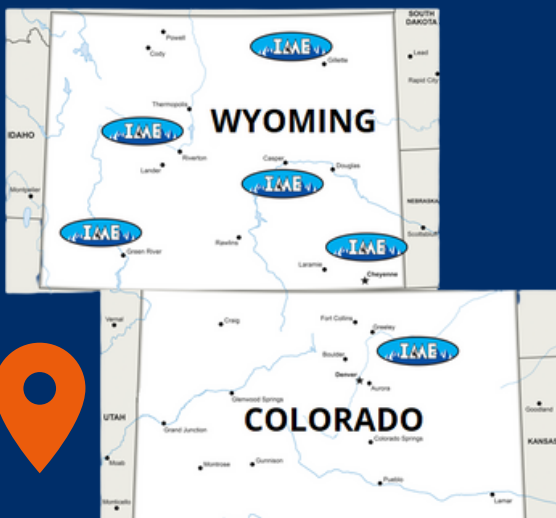
## EQUAL OPPORTUNITY EMPLOYER

Inberg-Miller Engineers is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran or disability status.

## SAFETY

At Inberg-Miller Engineers safety is our top priority. As such, we have developed a "culture" of safety which all our employees have adopted as standard working practice. Our culture of safety transcends our work in the office, laboratory, and field, to the homes of our employees. We have developed this long-standing culture of safety by conducting weekly office safety meetings, job site tailgate meetings, performing job site analysis (JSAs), attending site-specific safety training at various facilities, as well as hosting company-wide safety meetings during our annual corporate week. During our annual safety meeting, we discuss concerns, equipment, and review standard safety practices. We are proud of our low incident rates and have received numerous safety awards through the Wyoming Contractors Association for zero-incident rates based on man-hours worked. Our clients have grown to appreciate our attention to safety.

### INBERG-MILLER ENGINEERS OFFICE LOCATIONS



#### CASPER

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cheyenne@inberg-miller.com

#### GILLETTE

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#### GREEN RIVER

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greenriver@inberg-miller.com

#### RIVERTON

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(307) 856-8136  
riverton@inberg-miller.com

#### GREELEY NORTHERN COLORADO

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(970) 767-7879  
northerncolorado@inberg-miller.com

# OUR COMPLETE SERVICES

## CIVIL ENGINEERING

- Land Use Planning & Engineering
- Subdivisions
- Commercial and Industrial Site Plan
- Highways, Streets, and Parking Areas
- Water Supply and Sewage Disposal Systems
- Storm Water Systems
- Site Reclamation Planning and Design
- Civil 3D Drafting Services

## ENVIRONMENTAL

- Phase I, II, & III Environmental Site Assessments
- Asbestos Surveys
- Environmental Remediation Wells
- Groundwater Sampling
- Surface Water Sampling
- Well Installation / Permitting
- Solid Waste Management, Planning, Permitting, and Design
- NEPA Environmental Assessment
- Spill Prevention, Control, and Counter Measure (SPCC)
- Storm Water Pollution Plans (SWPPP)
- Wetlands Delineation
- Vapor Encroachment and Intrusion Assessment

## LAND SURVEYING

- Property Surveys
- Topographic Surveys
- Global Positioning System (GPS)
- Pipeline and Utility Route Surveys, As-Built Surveys
- Construction Staking
- Water Rights
- Oil & Gas Well Locations and Pipelines
- Computer Aided Design and Drafting (CADD)
- ALTA/NSPS Land Title Surveys
- Drone Surveys

## GEOTECHNICAL

- Subsurface Exploration and Drilling
- Geology and Hydrogeologic Studies
- Geotechnical Studies
- Analysis / Recommendations on all types of Structures
- Foundation Excavation & Construction Observation
- Groundwater Monitoring Wells
- Geotechnical Laboratory Testing
- Geophysical Testing and Exploration

## DRILLING

- Contract Drilling
- Solid Flight Auger Drilling
- Air Rotary Drilling
- Air Coring
- Mud Rotary Drilling
- Macro Sampling (Contract Drilling)
- Environmental Drilling - Licensed in Wyoming, Montana, Nebraska, Idaho, North Dakota, and South Dakota

## CONSTRUCTION MATERIALS TESTING

- Concrete Testing - air content, slump, and unit weight
- Concrete Lab Testing - compressive and flexural strength
- Field Testing - in place density and moisture content of soils
- Soil and Aggregate Testing - compaction characteristics, particle size analysis, and atterberg limits testing

## SPECIAL INSPECTIONS

- Soils
- Reinforced Concrete
- Structural Masonry Construction
- Structural Steel S1 & S2
- Spray Applied Fire Proofing

# INBERG-MILLER ENGINEERS:



**FAST**

**EFFICIENT**



**ACCURATE**

**YOUR SITE,  
OUR SERVICE!**



