From the Desk of the President
Robert S. Ruse, Ph.D., P.E., LEED AP

It’s that time of year when we reflect on the past year, 2016. The successes and the challenges and what we have learned from them. We are so grateful for all our clients that have continued to stay loyal to TTL for their environmental, geotechnical, and construction quality control services and for the new clients who chose TTL as part of their team. We appreciate the trust you have in our associates and value each and every opportunity you’ve shared with TTL.

The mild winter, quite the difference from the frigid start we are experiencing this holiday season, added to the successes we had in 2016 in our construction testing services.

From the work on I-75 from Toledo to Findlay; our QA-QC oversight at Dover Airforce base; to the Detroit Metro Airport runway and taxiway reconstruction, to the Toledo Waterway Initiative Downtown Storage Basin, the year was record setting our testing divisions. Our environmental division continued to see a steady increase in NEPA Environmental Assessments, especially for the Veterans Administration. Our traditional due diligence for the local banks, developers, and attorneys saw an uptick toward year end. We feel the presidential election slowed opportunities early on. And, our asbestos/industrial hygiene services traveled throughout the country on an array of various projects.

As has been our practice the past few years, this is the time of year that we also send out our online Client Satisfaction Survey. I most certainly appreciate you taking the time to participate as your answers will help TTL serve you and all our clients better in the future.

I, along with all the associates at TTL, wish you nothing but success in all your ventures in 2017.
**As another year comes to a close I would like to first wish all of you a Happy Holiday Season and a Prosperous New Year.**

We truly value our relationships with our clients and are thankful for the opportunity to serve you. TTL’s Mission is to provide quality, cost-effective, consulting services and solutions to our valued clients. We accomplish our Mission guided by our Core Values of Teamwork, Trust, and Leadership. TTL’s associates strive to gain our client’s trust through listening and understanding our clients’ needs and leading our team of associates, sub-consultants, and vendors to deliver services to meet them. A few quotes for thought on our Core Values are shown below.

- **Teamwork**
  
  “Teamwork is the ability to work together toward a common vision. The ability to direct individual accomplishments toward organizational objectives. It is the fuel that allows common people to attain uncommon results.” – Andrew Carnegie.

  “If everyone is moving forward together, then success takes care of itself”. – Henry Ford.

- **Trust**
  
  “Few things help an individual more than to place responsibility upon him, and to let him know that you trust him”. – Booker T. Washington.

  “Few delights can equal the mere presence of one whom we trust utterly”. – George MacDonald.

- **Leadership**
  
  “Leaders don’t create followers, they create more leaders”. – Tom Peters

Thanks to our clients, 2016 has been an exciting year for us as we have seen successes in markets that we have targeted to assist making us better team members. One market in particular is in transportation market. TTL has invested significantly in continued training of our personnel to meet certification requirements of many federal, state, city and county governments and the contractors that work on their projects. The investment allowed us to successfully serve many projects this year for the Ohio and Michigan Departments of Transportation and the Ohio Turnpike and Infrastructure Commission and has positioned us well to serve more projects in the future.

We also enjoyed some growth in our healthcare, development, and federal government markets while enjoying continued strong performance in commercial development, local government, education, and retail markets.

Thank you again, and we look forward to continued successes in 2017 and beyond with our valued clients. Again, I wish all a wonderful and safe holiday season with time enjoyed with friends and family.

**-Curtis Roupe, P.E.**

**Vice President**

croupe@ttlassoc.com

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TTL’s Michigan Materials Testing department has finished the busiest year since the opening of the department over 20+ years ago. Our success was directly connected to the strong relationship we have built with a diverse group of clients. These clients retained our services for a multitude of construction projects including runways, bridges, numerous roadway/interstate highways, buildings, underground water and sewer facilities along with numerous intelligent transportation system (ITS) towers across southeast Michigan. Without our great group of associates and loyal clients our success would not be possible. Here’s hoping that 2017 is just as prosperous!

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**-Jeffrey S. Elliott, P.E.**

**Vice President, Michigan Operations**

ejelliott@ttlassoc.com

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Teamwork - Trust - Leadership Since 1927
Meet Our Team

Erica Antanovich joined TTL’s Industrial Hygiene department in August 2016. Erica performs as an Associate Hazard Evaluation Specialist.

She holds a Bachelor of Science degree in Earth Science, from the University of Michigan. She has experience performing, managing and directing asbestos surveys and environmental projects in industrial, commercial, residential, multi-tenant buildings, and schools.

Erica Antanovich
eantanovich@ttlassoc.com

Luke Laroy joined the TTL CMT Department in March 2015 as a skilled engineering technician.

Luke is currently working in Defiance, Ohio performing soil bearing and compaction testing, and masonry inspection of the Defiance High School

Luke Laroy
llaroy@ttlassoc.com

Christopher Trumble joined the TTL CMT Department in March 2015 as a skilled engineering technician.

Chris performs tests for quality of concrete and compaction testing for many of our CMT projects.

Chris Trumbull
ctrumbull@ttlassoc.com

TTL ALLSTARS

HERE’S WHAT OTHERS HAVE TO SAY ABOUT TTL EMPLOYEES:

“Just wanted to let you know that Bernadette McCarthy is doing an excellent job with the inspection on Ponderosa Drive. She has really taken ownership in the project to make sure that it is successful. Every time I have stopped by the site she has been on top of exactly what was occurring and what the plans are for the rest of the week. She has done a great job communicating with the public and our staff. Today she made what can be a tough decision to reject a load of concrete that was found to be out of specification. This is the type of inspector/ project representative that any owner would want on their project.”

Respectfully,

Rodney Shultz, P.E., Deputy City Engineer
Year End Information

Client Invoicing and Payments

Many methods are used to deliver invoices, and DocuSign is just one of the latest “high speed” delivery methods employed, along with email delivery vs. snail mail. For client payments, more and more clients are accepting our requested and preferred payment method of EFT ACH electronic payments vs. paper checks and snail mail to pay us. Thank you for your help in these initiatives!

For more information on electronic payment options, please contact Mark Kusner, Financial Manager, at mkusner@ttlassoc.com or (419) 214-5092.

United Way Campaign

TTL Associates, Inc. generously contributed to the United Way of Greater Toledo. 36 employees participated in the football squares, and several employees participated in payroll deduction. This contribution could be used to provide 120 nights of shelter, food, and clothing for victims of domestic violence. Special thanks to Kate Chulski, Paul Chasco, and Ed Nagy for leading this campaign!

This year the Plymouth Office selected an organization called Grace Centers of Hope (located in Pontiac, Michigan) which provides a full recovery and rehabilitation campus for homeless men, women and children who have been abused or addicted to drugs and/or alcohol. The holiday season is one of the most difficult times for the men, women, and children living at Grace Centers of Hope. Many of the residents do not have families with whom to share the holidays, nor do they have the resources to purchase gifts for their children. The Plymouth Staff supported 2 individuals with various items from their wish/need list. In addition, a bag of generic items was taken to the center for emergency shelter guests. Special thanks to Jeff Elliott and Krista Socie for organizing this!
The Ohio Abandoned Gas Station Cleanup Grant helps communities clean up abandoned gas stations, including assessment and cleanup of hazardous substances, demolition, property clearance activities, seeding and grading.

### Eligible Properties
- Property with a documented petroleum release that has been classified by BUSTR as “Class C”
- Property must be vacant or contain an abandoned structure.
- Funding will be prioritized for former gas and/or service stations with the greatest potential for environmental, community, and economic impact.

### Eligible Applicants
- Political subdivisions are eligible to apply for funding through this program.
- All applicants must sign an affidavit certifying that neither they nor the current property owner caused or contributed to any prior release of petroleum or other hazardous substances on the property.

### Eligible Costs
- Up to $100,000 for assessment activities and $500,000 for cleanup activities through competitive rounds.
- Additionally, a $100,000 non-competitive Fast Track is available for projects where the only likely contamination is associated with the UST location(s), asbestos, lead-paint, or universal waste, as demonstrated by a VAP Phase I Environmental Assessment.

For more information, please contact Susan Yarger at syarger@ttlassoc.com or (419) 214-5060 or contact Timothy Pedro at tpedro@ttlassoc.com or (419) 704-5469.
**Services Provided:**

**Environmental Services:** Robert S. Ruse, Ph. D., P.E. – rrule@ttlassoc.com

Asbestos Laboratory, Brownfield Redevelopment Funding Assistance, Environmental Drilling, Environmental Site Assessments, Hazardous Materials Assessments, Hydrogeological Investigations, Indoor Air Quality, Industrial Hygiene Programs, National Environmental Policy Act Assessments, Property Condition Assessments, Spill Control & Countermeasure Plans (SPCCs), Underground Storage Tank Assessments & Remediation, and Wetlands Determination & Delineation

**Geotechnical Engineering:** Curtis E. Roupe, P.E. - croupe@ttlassoc.com

TTL geotechnical professionals provide field testing and drilling services, including comprehensive soil laboratory testing, and geotechnical design and construction recommendations for structures, pavements, embankments and containment facilities.

**Construction Materials Testing:** Toledo: John Rust - jrule@ttlassoc.com, Plymouth: Jeff Elliott jelliott@ttlassoc.com

Structural integrity is only as dependable as the materials used in the construction process. TTL performs construction quality control testing of soils, concrete, asphalt, masonry, and steel. Our Engineering Technicians are certified by the National Institute for Certification in Engineering Technologies (NICET). Typically the first requirements for a building project may include the following.

**Drilling Services:** Rick Mielcarek - rmielcarek@ttlassoc.com

Offering a full range of drilling services for a variety of geotechnical and environmental projects, TTL has the solution for your drilling requirements. TTL’s drilling fleet consists of two truck-mounted rigs (CME 75 models), two rubber-tired ATV rigs (CME 45 and CME 550 with angle-drilling capabilities), and two Geoprobes (5410 and 7822DT models). We are capable of providing rotary coring and auger drilling which are performed by experienced crews.

**Federal Information:** Timothy G. Pedro - tpedro@ttlassoc.com, Veronica Allen- vallen@ttlassoc.com

TTL provides a vast array of services to the federal government for projects across the country and beyond, including recent projects in Puerto Rico and Guam. TTL not only provides its full range of environmental, industrial hygiene, geotechnical engineering, materials testing and drilling services, but also employs a network of subcontractors to provide federal agencies with property appraisals, cultural resource assessments, archaeological assessments, geophysical investigations, topographic surveys, biological investigations, and ALTA Surveys.

**General Information:** Timothy G. Pedro - tpedro@ttlassoc.com

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**TTL’s Potluck**

TTL’s Toledo Office held a tailgate potluck for the Ohio State/University of Michigan football game just before Thanksgiving. Employees came dressed in their team colors and brought their specialty dishes! We appreciate everything our employees do to make TTL the company it is today. We hope everyone enjoys their holiday festivities and we look forward to a great new year!