



Ohio Section

American Institute of Professional Geologists

Chartered 1965

September 2021 Newsletter

2021 Executive Committee Officers

President

Tom Jenkins, CPG-07892
(614) 888-5760

President-Elect & Past President

Robert Andrews, CPG-11975
(614) 645-8441 ext. 146

Secretary

Alex Conley, MEM-2559
(614) 328-5133

Treasurer

Dave Follett, CPG-12034
(614) 310-0179

Members-at-Large

Nelson Novak, CPG-12102
(614) 888-5760

Tim Brown, CPG-11637
(614) 619-6160

Michael Friedhoff, CPG-11093
(734) 397-3100

Chairmen

Membership Chair

Tom Jenkins, CPG-07892
(614) 888-5760

Historian

Brent Huntsman, CPG-04620
(937) 320-3601

Screening Chair

Craig Cox, CPG-07612
(614) 526-2040

Awards Chair

Curt Coe, CPG-06240
(614) 265-6733

Student Chapters Chair

Robin Roth, CPG-09264
(614) 946-3945

Newsletter Editor

Nelson Novak, CPG-12102
(614) 888-5760

AIPG Ohio Section Fall Meeting

Monitoring Clandestine Burial Body Decomposition Using Geophysical Methods

Presenter: Dr. Jeffrey Dick

A Statistical Review of Geophysical Well Log Data from the Lower Silurian Grimsby Sandstone, Mercer County, Pennsylvania and Possible Relationships to the 1998 Pymatuning Earthquake

Presenter: Dr. Tom Jordan

Date: Thursday, September 16, 2021

Location: The Boulder Creek Golf Club and Event Center
9700 Page Rd, Streetsboro, Ohio

Schedule: Social hour begins at 5:30 pm followed by Dinner
at 6:00 and Presentations at 7:00

Event Registration Payment: <https://www.aipg-ohio.org/eventdetails.php>

See Page 12 for event details

Also In This Issue:

PAGE

Message from the President, Tom Jenkins, CPG-07892 2

AIPG Ohio Section 2021 Schedule 3

3rd Annual Charity Golf Scramble Recap 4

Ohio Section 2021 Virtual Spring Meeting Recap 9

Ohio Section 2021 Fall Meeting Abstract 12

Letters to the Editor and Editorial Submittal Guidelines 16



Message from the President

Tom Jenkins, CPG-078922

Dare to Dream – Ohio geologists’ registration is possible, but to achieve it, we need to dream. To dream of the respect that comes with a State of Ohio Geologist’s registration and a future where the work of geologists is done by qualified geologists. We have an opportunity to move forward on this, but it is going to take some active dreamers to get it done. Retired geologists like myself, or geologists towards the end of their careers probably lack the motivation to push this through. For us to succeed with this endeavor, it will take diligence and follow through from those that will benefit the most. So, when you are dreaming of the future, spend some time thinking about what the profession will be like for geologists, and what could be done to improve that. Contact me or any AIPG Ohio Section Executive Committee member if you are dreaming about an Ohio Professional Geologist stamp on your documents.

We are excited to be moving forward with first in-person AIPG Ohio Section event since the Winter meeting of 2020. On September 16, 2021 we will meet at the Boulder Creek Meeting Center in Streetsboro, Ohio. Details are provided on page 12 below. The Annual Meeting will be held on November 18, 2021 at the Ohio State University Fawcett Center.

If you have any questions or comments (or examples of geology disregarded) please email me at tjenkins@eagoninc.com

Tom Jenkins, CPG 7892
2021 AIPG Ohio Section President



TERRAN

Terran Corporation
Environmental Services

Protecting, Restoring and Enhancing the Environment

Water Resources

- Groundwater Exploration, Development & Sustainability
- Source Water Protection
- Aquifer Testing & Analysis
- Groundwater/Surface Water Systems
- Water Quality/Quantity Assessments
- Flow & Solute Transport Modeling
- Hydrogeologic Investigations
- Expert Witness Testimony
- Thermometric Monitoring

Contaminant Remediation

- Contaminant Evaluations & Delineations
- Electrokinetic-Based Systems
- Road Salt Contamination - Investigation & Remediation
- In-Situ Treatment Technologies

SACON Ranges & Structures

Environmentally Protective & Safe Firing Ranges, Bullet Traps & Shoot Houses

Providing services locally, nationally and internationally for 32 years.

4080 Executive Dr., Beavercreek, OH
(937) 320-3601 www.terrancorp.com

Providing services locally, nationally and internationally for 32 years.

when your
research
demands
quality data



FONDRIEST
ENVIRONMENTAL PRODUCTS

fondriest.com 888-426-2151

| Calendar of Upcoming Events | |
|-----------------------------|---|
| September 16th, 2021 | AIPG Ohio Section 2021 Fall Meeting and Dinner Presentation –Streetsboro, Ohio Speakers: Dr. Jeffrey Dick and Dr. Tom Jordan |
| October 23-26, 2021 | AIPG National Meeting, Sacramento, CA |
| November 18, 2021 | AIPG Ohio Section 2021 Annual Meeting – Speaker: To be determined. |



White Oak

Environmental & Safety

Looking for a strategic partner to fulfill your sampling equipment and supply needs? White Oak Environmental & Safety is here to help! We carry the safety essentials you need as well as rent, sell, and repair environmental sampling equipment and supplies. Call Brad Coomes with your order today.

| | |
|--|--|
| <p><u>Quality Rental Equipment</u></p> <ul style="list-style-type: none"> • Water Quality Meters • Bladder, Peristaltic, and 12 VDC Pumps • WLM, IFM, and Pressure Transducers. • PID, FID, and 4 & 6 Gas Meters | <p><u>Custom Dedicated Bladder Pumps</u></p> <ul style="list-style-type: none"> • Geotech, Solinst, and QED Pumps • LDPE, HDPE, and TLPE Bonded Tubing • Length Accuracy within 1" • Standard, Sealing, and Flush Mount Caps |
|--|--|

4026 North Hampton Drive, Powell, OH 43065

(614) 389-1430 | brad@whiteoakenv.com | www.whiteoakenv.com



SME

AIPG Ohio Section Third Annual Charity Golf Scramble

By: **Robert Andrews, CPG-11975**



The AIPG Ohio Section continued its efforts to raise money for our student chapters by holding its third annual charity golf scramble on June 11, 2021. This year's event was held at Pine Hill Golf Club in Carroll, Ohio. It included prizes for the top three teams as well as awards for the longest drive and closest to the pin. Following the conclusion of golfing activities, attendees enjoyed a buffet dinner provided by City Barbecue, and an abundance of raffle prizes were given out to lucky ticket holders. In addition, each player was given a bottle of wine provided by Alpha Analytical Laboratories. Thirty-six golfers comprising nine teams played the 18 holes of Pine Hill Golf Club. The event was an incredible success and exceeded last year's revenues, as nearly \$2,900 was raised for Ohio student chapters!

The Section appreciates the generous sponsors that supported the event. Team Sponsors included Alpha Analytical Laboratories, ALS Laboratory Services, Buckeye Elm Contracting, Civil & Environmental Consultants (CEC), Eagon & Associates, Engineering Consulting Services (ECS), and SME. Hole Sponsors included Environmental Remediation Contractors (ERC), EnviroCore, and U.S.T. Environmental Contractors. ERC and U.S.T. Environmental were also Award/Raffle Sponsors. U.S.T. Environmental was also a Dinner Sponsor.



Raffle Items were donated by Air Seven Heating and Cooling, Alpha Analytical, Buckeye Elm, ECS, ERC, Pine Hill Golf Club, and U.S.T. Environmental Contractor. Each golfer received a swag bag of golf balls and tees provided by White Oak Environmental.

ERC and White Oak Environmental were exhibitors at the event.



First place for the event was claimed by Team Buckeye Elm 2, with a winning score of 58, which tied the winning score from last year. The team members were Brandon Markey, Dave Walker, Mike Leone, and Paul Young.

While both Team ALS and Team SME finished with score of 62, Team SME was the second-place winner because it had the lowest handicap score. Team ALS placed third. Team SME consisted of Ben Chenoweth, Colin Flaherty, and Erich Murray, and Tom Anderson. The players on Team ALS were Joel Ribar, Josh McKinney, Matt Nemecak, and Mike Akins,



Both Team CEC and Team ECS finished with score of 67, eleven strokes behind the winning team. Team The players on Team CEC Andy McCorkle, Brad Bashone, Dave Follett, and Tom Henry. Team ECS consisted of Doug Darrah, Ed Greenlee, Ferando Crosa, and Marc Okin.





Team Buckeye Elm 1 (Bruce Markey, Bruce Schoen, Joel Miller, and Seth Gallic) finished with a score of 68.



Team Eagon (Andy Graham, Hugh Downer, Nelson Novak, and Tom Jenkins) finished with a score of 69.



Placing eighth was Team Alpha with a score of 72. The players on Team Alpha were Allison Depage, Ben Dressmen, Mike Friedhoff, and Patrick Filey.



Finally, finishing 15 strokes off the lead was Team Roth (Robin Roth, Andy Musilli, Howard Prigosin, Kory Roth, and Robin Roth).

**2021 AIPG Ohio Section Charity
Golf Scramble Results**

| <i>Team</i> | <i>Score</i> |
|--------------------|--------------|
| Team Buckeye Elm 2 | 58 |
| Team ALS | 62 |
| Team SME | 62 |
| Team CEC | 67 |
| Team ECS | 67 |
| Team Buckeye Elm 1 | 68 |
| Team Eagon | 69 |
| Team Alpha | 72 |
| Team Roth | 73 |

The player who won the longest drive contest was Mike Leone. Matt Nemecek won the our closet to pin contest.

An event like this could not have occurred without the support of our special golf outing committee who consisted of Dave Follett, Nelson Novak, Robert Andrews, and Tom Jenkins. Pine Hill Golf Club staff was incredibly helpful during the entire process and made everything run smoothly on the day of the event

Overall, the Ohio Section's third charity golf scramble was a rousing success and an enjoyable event for all who attended. The Section appreciates of all participants who attended and the sponsors that contributed to the outing. Over \$2,900 was raised for Ohio Section AIPG student chapters. The Executive Committee looks forward to using the funds for student scholarships and for student chapter activities. Thanks again to all participants and sponsors. We look forward to seeing you again in 2022!





U.S.T. Environmental Contractor is your reliable business partner to assist with:

- Underground and above ground storage tank removals and installations
- Management of investigation derived waste and other drummed wastes
- Demolition projects
- Soil excavation, treatment, and disposal
- Emergency response
- Vacuum truck services
- Pressure washing/pipe jetting
- Roll-off container services



Environmental Contractor

Balancing the needs of industry with concern for the environment since 1995

- Pre-construction services
- Multiphase Liquid Recovery



Visit us on the web: www.ust-env.com or call 800-UST-1727 for more info.

Wilmington, Ohio

Columbus, Ohio

Ohio Section 2021 Virtual Spring Meeting Recap

Feature Presentation: Berea and Beyond: Ohio's geology from the Upper Devonian through the Pennsylvanian

Presented By: Mr. Sam Hulett, Ohio Division of Geological Survey

Contributing author Dave Follett, CPG-12034

The Ohio Section held its 2021 Spring Meeting Virtually via Zoom on April 15, 2021. This on-line event was attended by 19 viewers connecting throughout the evening. Prior to our feature presentations, President Tom Jenkins (CPG-07892), addressed the attendees with welcoming remarks and outlined the events planned for the rest of 2021. In addition, Tom recognized the generous contributions of our meeting sponsors Alpha Analytical, Environmental Remediation Contractors, Ohio Soil Recycling, and White Oak Environmental. Ben Dressman with Alpha Analytical and Brad Coomes from White Oak Environmental both were given the opportunity to provide remarks.



The meeting then proceeded with a presentation by Sam Hulett who works as a geochemist for the ODNR, Ohio Geological Survey's Energy Resources Group. Sam's current research interest is in studying Appalachian Basin geology, with special focus on mapping the Black Hand Sandstone in the subsurface. His presentation was entitled Berea and Beyond: Ohio's geology from the Upper Devonian through the Pennsylvanian. Sam took the Section on a "Virtual Field Trip" with seven separate "Stops" to discuss and highlight research from the last 25 years on the Upper Devonian through Pennsylvanian siliciclastic sequences located throughout central Ohio.

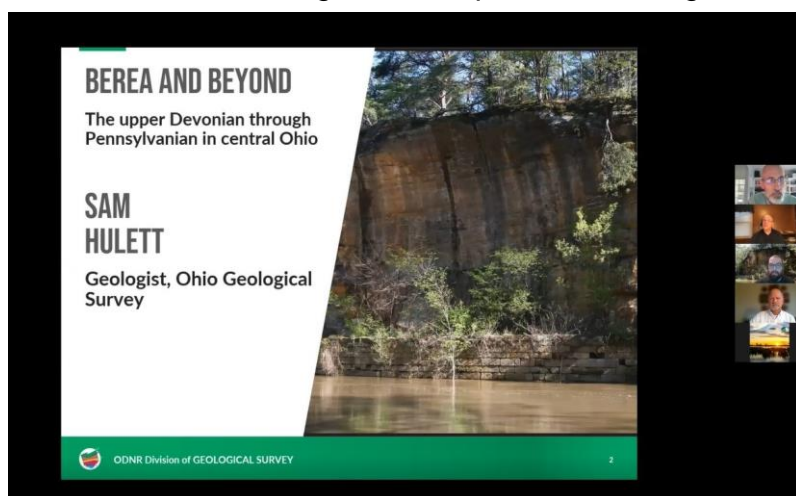
The first "stop" on the field trip was Blendon Woods Metro Park where red and gray rippled siltstones of Upper Devonian Bedford Shales are observed. This is evidence of a drop in eustatic sea-level allowing for oxic-bottom water conditions and the decomposition of organic matter. The Bedford is often referred to as "Red" or "Gray" discreet units. However, at Blendon Woods Metro Park, these units are intermingled. Deposition of sediments from red beds from the Catskill Delta or diagenetic "gray shale halos" around organic matter may explain these differences.

The next stop was along Rocky Fork Creek where the most complete section of the Upper Devonian Berea Sandstone is observed in Central Ohio. Sam mentioned that in this location of the Berea, sedimentary structures such as broad cross-beds, ball and pillow structures are

evident, which suggests pro-gradation of the Berea Delta into the basin forming a complex system of point bars and channels. Stop number three was at Pine Quarry Park near Blacklick, Ohio to examine the Buena Vista member of the Lower Cuyahoga. This unit is comprised of interbedded shales and siltstones which are generally “steel gray” in appearance. There are also some partial Bouma sequences observed within the formation.

The next stop was at the Spring Valley Nature Preserve in Granville, Ohio where the Lower Cuyahoga formation is referred to as the Raccoon member. In this part of the Lower Cuyahoga formation, the rate of deposition and subsidence are almost equal, allowing for a thick sequence of siltstone and shales suggesting deposition in a shallow oxygenated environment.

The trip then proceeded to the Black Hand Gorge State Nature Preserve, where the Black Hand Sandstone within the Cuyahoga formation is observed. Recent research suggests that the Black Hand was deposited within a terrestrial valley during a period of eustatic sea-level fall. The maturity of the grains within the Black Hand Sandstone indicates that sediment came from the Acadian highlands deposited in a high energy environment which is apparent from



the coarse grain size and the scale of cross bedding observed within the unit. Previously, the Black Hand was identified by two separate trunk systems, a main trunk system and a separate system correlated with the Big Injun Sandstone in eastern Ohio. Although, the eastern trunk mimics gamma logs of the main-western system, the present day interpretation of the eastern trunk is actually the Sharron Sandstone.

Stop six, the Rock Haven Road outcrop located in Licking County, Ohio, detailed a conformable contact of the Lower Mississippian Logan formation, which is further divided by four members; the Berne Conglomerate, Byer Sandstone, Allensville Conglomerate and the Vinton Sandstone. It is likely that the Berne member is re-worked Black Hand Sandstone based on identical mineralogies and size of observed pebbles. Additionally, common brachiopod and crinoid fossils observed within the Byer formation suggests a sea-level rise which reworked the Black Hand in a shallow warm water environment of deposition.

Stop seven examined, the basal Pennsylvania unit, the Sharon Sandstone. At this stop, Sam further explained evidence of a large fluvial deposit in a deeply dissected channel that cut through a large section of the Logan Formation. Further evidence of a high energy environment is observed in “float” that contained pebble-sized quartzite clasts, cobble-sized sandstone clasts, and limestone clasts from the underlying Maxville Limestone.

After questions, President Jenkins thanked Sam for his presentation. Again, special thanks to Alpha Analytical, Environmental Remediation Contractors, Ohio Soil Recycling, and White Oak Environmental for sponsoring the event and continued support to the Ohio Section of AIPG.

Responsive.

Resourceful | Reliable

For more than 50 years, Terracon has provided solutions to environmental, facilities, geotechnical, and materials engineering challenges. Our national network of more than 140 offices coast-to-coast provides local expertise backed by national resources to get the job done. On both small and large projects, our more than 4,000 employee owners work closely with our clients to achieve success on time and on budget. **Call us for your next project.**



Ohio Offices

Cincinnati (513) 321 5816

Cleveland (216) 459 8378

Columbus (614) 863 3113

terracon.com

Environmental ■ Facilities ■ Geotechnical ■ Materials

Direct industry experience

WE OWN IT.

Manufacturing

Mining

Oil & Gas

Power

Public Sector

Real Estate

Solid Waste



CINCINNATI | CLEVELAND | COLUMBUS | TOLEDO

www.cecinc.com

888.598.6808



Civil & Environmental
Consultants, Inc.

Ohio Section 2021 Fall Meeting Presentation

Feature Presentations: Monitoring Clandestine Burial Body Decomposition
Using Geophysical Methods
Presented By: Dr. Jeffrey Dick

A Statistical Review of Geophysical Well Log Data from
the Lower Silurian Grimsby Sandstone, Mercer County,
Pennsylvania and Possible Relationships to the 1998
Pymatuning Earthquake
Presented By: Dr. Tom Jordan

The Ohio Section of AIPG is pleased to host Dr. Jeffrey Dick and Dr. Tom Jordan at the Section's Fall Meeting presentation, which will take place on Thursday, September 16, 2021 at Boulder Creek Golf Club and Event Center. Dr. Jeffrey Dick will be presenting: Monitoring Clandestine Burial Body Decomposition Using Geophysical Methods and Dr. Tom Jordan will be presenting: A Statistical Review of Geophysical Well Log Data from the Lower Silurian Grimsby Sandstone, Mercer County, Pennsylvania and Possible Relationships to the 1998 Pymatuning Earthquake. This event is sponsored by Alpha Analytical, Buckeye Elm Contracting, Environmental Remediation Contractors, Ohio Soil Recycling, and White Oak Environmental.

The event begins at 5:30 pm with social hour, followed by dinner at 6:00, and the feature presentation at 7:00. The cost is \$35 for members and guests or \$20 for students. Please preregister and submit payment for the event via PayPal through the AIPG Ohio Section website <https://www.aipg-ohio.org/payment.php>. Registration closes on at end of business on September 9, 2021.

*Monitoring Clandestine Burial Body Decomposition Using Geophysical Methods
by Dr. Jeffrey Dick*

ABSTRACT

To better understand the relationship between organic decomposition and resulting changes in geophysical signatures, a simulated clandestine grave research site is under construction in

Northeast Ohio. The site consists of twelve burial plots where hogs will be placed in shallow graves under a variety geological conditions. Hog carcasses are being as a proxy for humans due their similar anatomical make-up. Organic decomposition over a period of at least ten years will be monitored using ground penetrating radar and electromagnetic induction. The combination of these instruments along with soil gas monitoring should provide useful monitoring of the release of gases and electrolyte rich fluids into surrounding soils.

Three hog carcasses will be placed in each of the following non-forested settings: (1) above seasonal groundwater capillary fringe zone, (2) within seasonal groundwater capillary fringe zone, (3) within the seasonal groundwater zone of saturation. An additional setting consists of a forest area within the seasonal groundwater zone of saturation. Each setting will contain 68 kg – 80 kg hogs carcasses dressed in human clothes, dressed and wrapped a blanket or carpet and dressed and covered in hydrated lime.

A demonstrated need for this type of research exists within the law enforcement community who are often tasked with finding “cold-case” homicide victims. Unfortunately, a poor understanding of human decomposition over time and the resulting changes in geophysical signals often produces unsuccessful results. This research hopes to improve law enforcement success and further the understanding of human decomposition in clandestine graves.

Bio: Dr. Jeffrey C. Dick is Professor of Applied Geology at Youngstown State University (YSU) and owner of JD Geological and Environmental Services, LLC. He received a Ph.D. in Applied Geology from Kent State University in 1992. Dr. Dick is enjoying his 30th year at YSU and has been practicing geology for nearly 35 years in the areas of petroleum geology, engineering geology, sedimentology and environmental site assessment.



A Statistical Review of Geophysical Well Log Data from the Lower Silurian Grimsby Sandstone, Mercer County, Pennsylvania and Possible Relationships to the 1998 Pymatuning Earthquake
by Dr. Tom Jordan

ABSTRACT

Abstract: This study examined 17 publicly available digital geophysical well logs from locations that penetrated the Lower Silurian Grimsby Sandstone in Mercer County, Pennsylvania in an effort to determine if the statistical distribution of gamma ray, neutron porosity, and bulk density responses correlate to locations that produce oil, gas, or were considered dry holes. An unanticipated outcome from this study was a series of interpreted offsets in the elevations of geophysical marker bed responses that were used to define the zone of interest. These elevation offsets infer the presence of a series of fault planes which were then integrated with this research to examine if their presence can be correlated to changes in the statistical distribution of the geophysical well log responses. The orientation of these inferred fault planes was refined based on the results from a focal mechanism solution of the September 25, 1998 Pymatuning Earthquake. This study utilized data analysis tools available within Schlumberger's Techlog software and ESRI's ArcPro software. This summary of our research effort will include a brief overview of earthquake seismology and geophysical well log responses.

Bio: Dr. Tom Jordan is part-time faculty at Youngstown State University and a Supervising Geologist/ Geophysicist with Key Environmental, Inc. located in Carnegie, Pennsylvania. He has a B.A. in geology from Alfred University, an MS in geology from SUNY at Fredonia, and a Ph.D. in geology/geophysics from the University at Buffalo. Dr. Jordan is a licensed Professional Geologist in 10 states by ASBOG examination or reciprocity, currently serves on the board of directors for the Pennsylvania Council of Professional Geologists, and has 35 years of professional experience working on geophysical projects for clients in the environmental, engineering, and exploration sectors.



EAGON
& ASSOCIATES, INC.

100 W Old Wilson Bridge Rd. Suite 115
Worthington, Ohio 43085
eagoninc.com | 614.888.5760

Hydrogeologic Consulting

- Groundwater Supply Evaluation and Management
- Siting and Monitoring of Waste Facilities
- Investigation & Remediation of Aquifer Contamination
- Mining and Construction Dewatering
- Groundwater Modeling
- Residential Well Monitoring and Impact Mitigation



ENVIROCORE

ENVIRONMENTAL DRILLING SOLUTIONS

Established in 2002, EnviroCore is an environmental drilling services company serving all of Ohio and the Midwest. We continue to work together to educate and deliver an end result that exceeds expectations. It is our goal to make decisions and follow through to deliver the highest level of customer service. Our crews are bright, professional and excel in problem solving. We match experienced operators and up-to-date equipment with an affordable price. We understand environmental drilling and the importance of creating and maintaining a safe job site.]

We are available 24/7 and currently licensed to work in Ohio, Illinois, Indiana, Pennsylvania and West Virginia.

You can reach us at our office at 614-733-0377 from 7:00 a.m. to 6:00 p.m. or after hours at 614-263-6554. Fax 614-873-0563.




Cox-Colvin

ASSOCIATES, INC.
ENVIRONMENTAL SERVICES

Cox-Colvin & Associates, Inc. has developed the Vapor Pin™, a unique, patented, re-usable sub-slab soil-gas sampling device.

VaporPin™



Our mission is to consistently provide high-quality, cost-effective environmental consulting services, as well as innovative environmental services and solutions, to meet our customers' constantly changing needs.

- Site Investigation
- Remediation
- Groundwater Monitoring
- Vapor Intrusion
- Permitting & Compliance
- Oil & Gas Support
- Due Diligence
- Voluntary Action

Expertise...When You Need It Most!

The Vapor Pin™ has a variety of applications, including but not limited to: Sub-slab soil gas sampling, depressurization studies/testing, stray gas evaluations, source area characterization and mitigation progress monitoring.

Letters to the Editor and Editorial Submittal Guidelines

The Ohio Section welcomes and encourages membership discourse via the Section newsletter on relevant geopolitical and geological topics, in accordance with our chartered purpose. Contributing authors are requested to abide by the following guidelines to ensure civility and professionalism.

1. Scientific interpretations should include accurate and effective references.
2. Opinion pieces should be presented with reasoning. Fellow members may choose to comment or challenge a submittal with their own contribution.
3. Authors must abide by the AIPG Code of Ethics. Any author who violates this code will not be published. Authors must be respectful to fellow members, all political parties, officials and candidates.
4. Letters to the Editor should be under one page in 12 pt. Arial font.
5. Member authors should provide their name and certification number.
6. The Ohio Section also welcomes and will consider relevant articles from non-members, provided contributions abide by the above stated guidelines.

Contributions to the Ohio Section newsletter do not necessarily reflect the opinion of the Ohio Section or the editor. We reserve the right to edit for clarity and space considerations. Please send submittals to the editor at nnovak@eagoninc.com.

Environmental Remediation Contractor

| | | |
|--|--|---|
| <p>Environmental Remediation</p> <ul style="list-style-type: none"> Soil & Water Storage Tank Removal Landfill Corrective Action | <p>Ecological Restoration</p> <ul style="list-style-type: none"> Stream & River Restoration Wetland Construction Nutrient Reduction Dam Removal | <p>Environmental Services</p> <ul style="list-style-type: none"> Emergency Services Hazardous & Non-hazardous Cleanup 24 Hour Emergency 877.683.7724 |
|--|--|---|

John Herchl P: 614.705.2502 E: johnh@ercontractor.com
 Drew Cavinee P: 614.702.7203 E: drewc@ercontractor.com
 Chris McGovern P: 614.697.4986 E: cmcgovern@ercontractor.com



Environmental Remediation Contractor

Ecological. Environmental. Emergency.