

NEWSLETTER



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LSSE HONORED WITH 2024 PROJECT OF THE YEAR AWARD

LSSE RECOGNIZED FOR EXCELLENCE IN ENGINEERING

The Beaver County Chapter of the Pennsylvania Society of Professional Engineers has honored LSSE with the distinguished 2024 Project of the Year Award for their work on the Center Township Water Authority's Water Supply and Water Treatment Plant. This significant project involved comprehensive engineering and construction phase services to establish a reliable potable water source and surface water treatment facility. The implementation of this intricate public works initiative was structured in two phases, with an expedited timeline demanding meticulous coordination and collaboration over an 18-month period that encompassed alternatives analysis, treatability studies, detailed design, and construction. Phase 1 specifically focused on the development of a river intake system and an interim conventional surface water treatment plant, all while ensuring seamless integration with the Shell Polymers Monaca facility construction.

This prestigious award acknowledges contributions from engineering professionals for projects that showcase the talents of the designers involved and provide economic and social advancement for the residents of Beaver County. This recognition underscores LSSE's commitment to excellence and innovation in all of our engineering projects and reflects our passion for delivering exceptional solutions that make a difference in our communities. We are both honored and humbled to receive this acknowledgment, which serves as a testament to our continuous efforts to deliver high-quality engineering solutions that meet the evolving needs of our communities.

For more information on this project, see page 3.



LARRY LENNON JR. & NED MITROVICH ACCEPT AWARD AT PSPE DINNER



NEW ACQUISITIONS

WELCOME FIKE ASSOCIATES, INC. AND LAND SURVEYORS, INC. (LSI)

We are excited to share the news of our strategic acquisitions of Fike Associates, Inc. and Land Surveyors Inc. (LSI). These acquisitions are significant milestones that allows us to expand our service area and expertise in Clarion and Butler, PA Counties. This acquisition not only reinforces our dedication to delivering top-notch civil engineering and surveying services but also ensures that the valued clients of Fike and LSI will continue to receive the exceptional support they expect.

As we honor the legacy of excellence established by these esteemed firms, we are eager to enhance our offerings, including ALTA Land Title surveys, property certification, topographic surveys, mining and DEP permitting well as expanding these offices to provide municipal engineering services in both Clarion and Butler Counties.

With this integration, LSSE is poised to broaden our service portfolio and elevate the client experience throughout the tri-state area. This exciting new chapter not only strengthens our capabilities but also reaffirms our commitment to supporting our clients with unparalleled expertise and service excellence.



IN MEMORIAM

THOMAS E. TAYLOR, FOUNDER OF SENATE ENGINEERING

It is with deep respect and heartfelt remembrance that we honor the life and contributions of Thomas E. Taylor, the esteemed founder of Senate Engineering, who passed away on November 7, 2024. Mr. Taylor established Senate Engineering Company in 1970, laying the foundation for a firm that

has significantly impacted the regional engineering landscape. He officially retired in December 2015, leaving behind a legacy of innovation and integrity.

A proud native of Cheswick, Thomas was an accomplished individual whose educational journey began at Springdale High School, culminating in a degree from the University of Pittsburgh School of Civil Engineering. His professional credentials were extensive; he was a registered professional engineer, land surveyor, and landscape architect in Pennsylvania. Mr. Taylor dedicated 30 years of his life as a civilian employee with the U.S. Army Corps of Engineers Pittsburgh District, showcasing his commitment to public service.

In addition to his professional accolades, Mr. Taylor served his country with honor during the Korean War, an experience that shaped his character and leadership. His involvement in the Society of American Military Engineers Pittsburgh Post as president from 1988 to 1989 exemplified his dedication to fostering community

GRANTS AND FUNDINGS

DATES OF TIME PERIOD COLLECTED

We are pleased to announce recent funding awards totaling **\$23,145,528.00** to our clients:

- **CFA LSA Program - \$13,144,999**
- **ALCOSAN GROW - \$3,3631,000**
- **DCNR - \$102,900**
- **DGLVR - \$200,000**
- **GEDTF - \$895,270**
- **CFA Multi-Modal - \$4,816,559**



Please feel free to contact following with any questions or for additional information.

- **Josh Callender, E.I.T.** (jcallender@lsse.com)
- **Wyatt Dishler** (wdishler@lsse.com)
- **Drew Null, P.E.** (dnull@lsse.com)
- **Emily Palmer** (epalmer@lsse.com)
- **Matthew Pitsch, P.E., C.B.I.** (mpitsch@lsse.com)

and professional collaboration.

Mr. Taylor's inventive spirit was highlighted by his status as a U.S. Patent Holder for a glass, thermosyphon fireplace screen, a testament to his creativity and forward-thinking approach. He was also a 50-year member of Verona Masonic Lodge No. 548 and the Cheswick Syria Shrine, reflecting his commitment to fraternity and community service.

A passionate outdoorsman, Mr. Taylor was a member of the Cheswick Hunting Club, and he cherished his time as a lifelong hunter, fisherman, and conservationist. His love for nature and commitment to environmental stewardship will continue to inspire those who knew him. Mr. Taylor and his wife, Pat, shared an incredible 70 years together. He was a loving father of two children and doting grandfather to six grandchildren. Tom and Pat's adventurous spirits led them on unforgettable biking journeys through breathtaking landscapes across the globe, from the vibrant landscapes of South Africa, to the stunning peaks of the Alps, to the serene, winding canals of Holland, the magnificent beauty of Prince Edward Island and many more extraordinary places both local and abroad.

As we remember Thomas, we celebrate his remarkable contributions to engineering, his service to our nation, and his unwavering dedication to his community. His legacy will live on in the hearts of those he touched and the work that continues in his name at LSSE Civil Engineers and Surveyors.

PROJECT SPOTLIGHT

CTWA WATER FILTRATION PLANT

The Center Township Water Authority's (CTWA) new Water Filtration Plant was placed online in July 2024 after receiving its Public Water Supply Operations Permit from the Pennsylvania Department of Environmental Protection (PaDEP), and is currently supplying potable water to the residents and businesses of Center Township.

Construction of the plant began in October 2021 as the third and final phase of a nearly \$70 million public water supply project spanning 13 years of planning, design, and construction. Phase I, completed in September 2016, included the design and construction of a temporary river intake and water treatment facility capable of supplying 3 million gallons per day (MGD) – the Interim Filtration Plant – in just 20 months. A permanent 5 MGD river intake and a residuals treatment facility for processing filter backwash were constructed as part of Phase II.

Like its temporary 3 MGD predecessor, the new CTWA Water Filtration Plant is a surface water treatment plant supplied by the Ohio River; however, it is designed to produce up to 5 MGD and features some of the most advanced technologies in drinking water production currently available. The new plant makes use of lamella plate clarifiers, conventional rapid sand filters, granular activated carbon (GAC) adsorbers, and disinfection via both chlorination and ultraviolet (UV) treatment; as well as a complex supervisory control and data acquisition (SCADA) system that offers operators exceptional precision in monitoring and controlling these processes.

The new filtration plant has a capacity of 3 MGD in its current configuration, which will be increased to 5 MGD pending the installation of additional GAC adsorbers and UV disinfection units refurbished from the Interim Filtration Plant. The Interim Plant was formally decommissioned on August 15th, and the new plant's 5 MGD configuration became operational and permitted at the end of 2024.

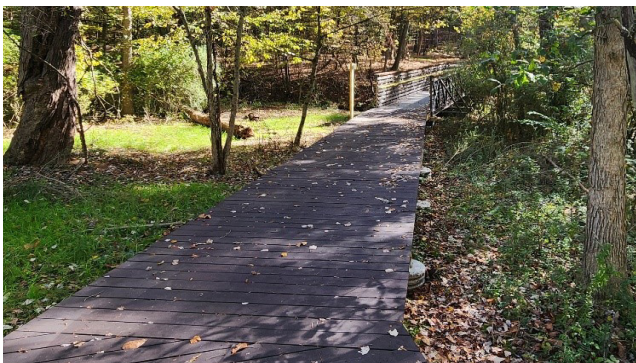


INSIDE CTWA PLANT



COMPLETED CONSTRUCTION

PINE WETLAND TRAIL



LSSE is delighted to share the exciting news of the completion one of our latest projects, the Pine Wetland Trail! This project features the addition of two pedestrian bridges and a boardwalk, all crafted to enhance the natural beauty of the surrounding wetlands. Our vision was to create an inviting space where residents can seamlessly walk, bike, or run from their neighborhoods to the park, and we are proud to say that we have achieved this goal!

If you are considering ways to enhance your community park or recreational areas, we encourage you to reach out to LSSE. Our dedicated team is ready to assist municipalities in managing their projects and bringing their visions to life.



Scan here!



Visit our website to learn more about current projects and how we can work together to create vibrant community spaces for everyone to enjoy!

LATEST NEWS AND UPDATES FROM LSSE

ADOPT-A-FAMILY

During the 2024 holiday season, LSSE participated in The Salvation Army's annual Adopt a Family program by sponsoring two families in need. LSSE staff members came together to support those families to have the best Christmas possible despite the hardships that they were facing by hosting gift wrapping parties at the Harmar (Allegheny) and Coraopolis (Allegheny) offices.



We are excited to highlight the achievements of these fellow LSSE employees.

Professional Engineering License (Top Left to Right)

- David Kovac, P.E.
- Brian Montgomery, P.E.
- David Ritsema, P.E.

Certificate in Surveying from Akron University (Dec 2024)

- Jessica Brett (bottom left)

Certification in Parks and Recreation

- Jen Schneller (bottom right)

EMPLOYEE SPOTLIGHT

Welcome New Hires!

Allegheny County (HQ)
Courtney Blaine, Jonathan Findish
Michele Jaroszewski, Victoria Thiry,

Scott Fawcett (Harmar Branch)

Eugene Cooney (White Oak Branch)

Armstrong County (Branch)
Aaron Black, E.I.T

Beaver County Office (Branch)
Daniel Rader, John Schwalbe, P.E.

Butler County (LSI Associates)
Cheryl Hughes, PLS, Michael Lewis,
Austin Ziegler, Beverly Cowen

Clarion County (Fike Associates)
Pamela Moore, Gale Moore, Randy Andring, Kimberly Basler, Hunter Johnston, Brandon Moore, James "Jim" Werner, PLS, David "Chuck" Lindahl, P.G., Lori Moore

Erie County (Branch)
Ryan Lutz

Westmoreland County (Branch)
Jan Powers, Josh Merichko



LSSE NEWBORNS



Project Manager, John Valinsky and his wife welcomed their daughter Kennedy Valinsky, February 23, 2025



NEW CLIENTS

- Ambridge Water Authority
- Industry Borough Municipal Authority
- Wilkins Township



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Managing Principals
Kevin A. Brett, P.E.
Ned Mitrovich, P.E.
Jason E. Stanton, P.E.

Principals
John R. Heyl, P.E., CPESC
Lawrence J. Lennon, Jr., P.E.
Shawn R. Wingrove, P.E.

Branch Locations:
Allegheny County, PA | Armstrong County, PA | Beaver County, PA | Butler County, PA | Clarion County, PA | Erie County, PA | Franklin County, OH | Washington County, PA | Westmoreland County, PA