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in Environmental Consulting, Engineering & Construction

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The engineering, environmental and construction industries are constantly on the move with new designs, new technology and new material. In this *Who's Who in Environmental Consulting, Engineering & Construction* section, experts in these industries share what new projects their companies are now working on.

—Lisa Morris Josefak

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WHO'S WHO in Environmental Consulting, Engineering & Construction



PETER GERBASI
The LiRo Group

Peter Gerbasi is a senior vice president at The LiRo Group, an award-winning integrated construction, design and technology solutions' firm headquartered in Syosset.

Gerbasi is an executive and technical professional with broad-based public and private sector expertise. He has 30 years of progressively responsible experience, which includes serving as LiRo's business unit head for environmental work; Nassau County Commissioner of Public Works; and Nassau County Deputy County Executive for Parks, Public Works and Partnership. His diverse skills include staff development, budget control and operational performance improvement.

Gerbasi, a licensed Professional Engineer and certified Design-Build Professional, has an extensive background in environmental health & safety and site monitoring programs. He has technical experience with the investigation, planning, remedial design and construction management at hazardous and industrial waste sites, municipal water and wastewater collection and treatment design and construction management, as well as facility decommissioning and demolition. He was involved with all facets of municipal engineering and construction, superfund and brownfield remediation and redevelopment, feasibility studies for remediation of soil and groundwater. He is experienced in industrial water supply development, as well as groundwater treatment.

His design work has included water supply, storm water and wastewater systems, groundwater pump and treat systems, site decommissioning, landfill capping and RCRA closures. Gerbasi has significant experience with in situ treatment, including oxidation and his additional work has involved site monitoring and management for dust, noise, vibration, vermin, and other elements, air emissions control and permitting. He is also well versed in erosion control programs and SWPPP development and monitoring.

Gerbasi worked as a contractor on the U.S. Environmental Protection Agency's (REM II Superfund) Program and state superfund programs in the Northeast, providing environmental engineering and remediation services on many sites. He also worked to investigate and clean up major oil/petroleum/chemical spills for Northville Industries, Exxon Mobil, Pfizer and other major industrial clients. His experience also includes serving as a consultant to, and also in, municipal government, where he was responsible for billions of dollars in infrastructure and a capital plan of more than \$500 million.

The LiRo Group has many upcoming, exciting projects in its Environmental Business Unit, Gerbasi said.

"The best part of where we are on these is that all of them benefit the environment by helping remove contamination allowing people to live better lives," he said. "And it doesn't matter whether it's a brownfield redevelopment as part of a real estate deal in a local industrial area, or the exciting work we're doing in public and private housing across Long Island where we are guiding lead, asbestos, and mold abatement or even soil removal associated with our work designing underground tank cleanups. These are all the kind of projects we can be proud of that help remove contamination, improve the environment, and benefit all of us on Long Island."

The LiRo Group is a nationally recognized professional engineering, architecture, construction management and environmental firm with expertise in transportation, infrastructure, institutional and commercial facilities. The firm serves a broad range of public and private sector clients, from villages and developers to major state and federal agencies.

LiRo is headquartered on Long Island and has offices in New York City, Western New York, New Jersey, Massachusetts, Connecticut, Pennsylvania and Los Angeles, CA.



CHRISTOPHER KOEGEL, P.E., CCM
D&B Engineers and Architects

Christopher Koegel, P.E., CCM is a vice president at D&B Engineers and Architects (D&B), leading the firm's Construction Management (CM) Group in its Woodbury office. Koegel's expertise centers around construction management of wastewater, water supply and civil engineering infrastructure projects which incorporates planning; project management; contractor oversight; client/stakeholder coordination; associated designs, bidding and inspections; quality control; supervision of field crews; estimating; and reviewing shop drawings.

Koegel began his career at D&B in 2005 as a member of the firm's Civil Engineering Group and has been involved with project development for an array of municipal roadway and infrastructure projects with a focus on overseeing CM services.

Since mid-2021, Koegel has assembled and organized a construction manager team to oversee the Carlls River Sewer-shed Project, the largest sanitary sewer installation project undertaken by Suffolk County in 50 years.

"This project will eliminate the need for cesspools on approximately 2,500 residential parcels that are the source of contamination to local streams and groundwater," he said. "Eliminating contamination represents a major step by Suffolk County to improve water quality within its South Shore bays and to restore wetlands which constitute the first line of defense against wave action damage and flooding."

"The project will include the installation of low-pressure sanitary sewers to be placed within streets with sewer lateral connections extended to each property within the North Babylon project area," Koegel said. "A key element will be the extension of a major county sewer interceptor, which will transport sewage to the county's Southwest Sewer District Treatment Plant. This 48-inch pipe will cross the Southern State Parkway and will be installed utilizing ground freezing and micro-tunneling technologies."

Koegel has also been successful in expanding and diversifying the firm's CM service base to include resiliency, building rehabilitation, stormwater abatement, wastewater treatment, water supply and architectural projects. Coordination between D&B's environmental, civil, structural, mechanical, electrical and plumbing (MEP) engineering disciplines has been key to achieving the goal. To this end, Koegel has excelled as a project manager/program organizer. He has developed exceptional skills for managing staff, problem solving and performing quality constructability reviews that are often sought by others in the firm. His ability to develop and manage construction budgets and schedules and negotiate successfully with contractors

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