

# Harald C. Pedersen, PE, DEE

## Secretary/Treasurer

**Years Experience:** 30

**Active Registrations:** Professional Engineer: Pennsylvania, West Virginia, New Jersey, Ohio, & Maryland

**Education:** Swarthmore College—B.S., Engineering

### Experience & Qualifications:

Mr. Pedersen has a wide range of experience on civil engineering, environmental engineering, surveying, and mapping projects. He is a member of the American Academy of Environmental Engineers whose specialty is solid waste management.

Mr. Pedersen has been project engineer and project manager for projects including: abandoned mine land reclamation; civil/site design for residential, commercial and industrial developments, sewer and water line design; stormwater management and erosion control facility design; Phase 1, 2 and 3 environmental site assessments for residential, commercial and industrial properties; environmental permit preparation for water, wastewater, municipal solid waste management and hazardous waste site closure; design of municipal solid waste disposal facilities; design of utility and coal refuse disposal facilities; investigation of underground tank leaks and spills; design of PCS communication tower and antenna installation sites; design of communication fiber optic cable installation, cross-country and trans- Atlantic; boundary, topographic and location surveys; and detailed mapping projects for highway design and construction.

### Representative Projects:

**URA —Bedford Dwelling Project** **Project Manager**  
Pittsburgh, Pennsylvania

Oversaw mapping and utility field conformance surveys, map compilation, and resolution of date conflicts.

**SEA —Convention Center Street ROW** **Project Manager**  
Pittsburgh, Pennsylvania

Project provided supplemental mapping, verification of Convention Center column layout, preparation of PennDOT right-of-way plans, determination of donation credit areas, and preparation of street abandonment plans for City review for the new David L. Lawrence Convention Center.

**SEA—Roberto Clemente Park** **Project Manager**  
Pittsburgh, Pennsylvania

Oversaw the team providing topographic location and property surveys, bathometric survey of River bottom, design surveys, and map preparation.

**URA—Convention Center Design Surveys** **Project Manager**  
Pittsburgh, Pennsylvania

Design and property surveys for design and construction of the new David L. Lawrence Convention Center.

**Pennsylvania Turnpike Commission** **Project Manager**  
Milepost 0:0 to 10:0

Review of structural design by project design/build team, preparation of comments of design, comment letter with checklist response format, quality assurance surveys, and construction monitoring.

RESUME

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**Conemaugh Generating Station Disposal Site  
Pennsylvania Electric Company**  
Indiana County, Pennsylvania

**Project Manager**

Preparation of PADER solid waste and coal refuse disposal permit applications; design of disposal site expansions including runoff collection channels, erosion and sedimentation control structures, underdrains and leachate collection piping, synthetic liner (more than 60 acres), and site grading; evaluation of wastewater treatment facility and site grading; evaluation of wastewater treatment facility performance; study of sludge handling and disposal; evaluation of coal refuse filter cake disposal; surface water study (flow and quality); and consultation regarding site operation.

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**Vogel Disposal Services Solid Waster Permitting**  
Butler County, Pennsylvania

**Project Manager**

Responsible for the environmental permitting of two existing municipal waste landfills located in Western Pennsylvania. Developed site operational and closure plans. Prepared storm water and leachate NPDES Permit Applications. Developed leachate in-flow parameters and trending analyses.

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**Harrisburg International Airport / PennDOT  
Environmental Assessment**  
Harrisburg, Pennsylvania

**Project Manager**

Prepared an environmental assessment of proposed runway expansion. Study included the characterization and quantification of hazardous material such as asbestos, PCB oils, oxidizers, and solvents; installation of groundwater monitoring wells; ground and surface water sampling and analysis; and cost estimates for remedial cleanup.

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**ARMCO RCRA Permitting**  
Butler, Pennsylvania

**Project Manager**

Completion of Parts A and B of RCRA permits for a hazardous waste treatment and disposal facility. Preparation of a hazardous waste delisting petition to EPA for neutralized pickle liquor waste. Synthetic liner design for hazardous waste impoundment.

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**Koppers RCRA Permitting**  
Allegheny County, Pennsylvania

**Project Manager**

Developed closure and post-closure plans for hazardous waste disposal site. Plans included groundwater monitoring program formulation; waste containment plans; cost estimates; and regulatory agency contact.