



Catherine M. Lee, CPESC & CPSWQ

Environmental Design Specialist

Education: Johns Hopkins University

Registrations: CPESC & CPSWQ

Years of Experience: 38 **Years with Firm:** 15

Professional Experience:

Catherine's primary function is to provide expertise in the area of environmental issues for varying types of project developments which includes the designs for railroads. She achieved CPESC (Certified Professional in Erosion and Sediment Control) and CPSWQ (Certified Professional in Storm Water Quality) by examination in 2010 and 2011 respectively.

Catherine has been working in the Engineering field since 1978, relocating to Pennsylvania in 1991 when she took a position with the engineering firm of D. A. Johnson and Associates. The majority of her experience is in design of commercial, industrial and residential land development, including waterlines, sanitary sewer systems, storm sewers, storm water management facilities, and erosion and sedimentation control plans. Ms. Lee has handled the permit processing for local, county and State agencies, as well as Federal agencies, such as the Army Corps of Engineers. Types of permits handled range from Wetland Mitigation Permits, NEPA Process, SEQR process, Army Corps Joint Permits, Sewage Planning Modules, Industrial Wastewater Permits, Oil & Gas Permit, Historical and Archaeological Permits, Categorical Exclusions, Highway Occupancy Permits and Mining permits. Ms. Lee has also assisted clients with studies and documentation necessary to acquire federal and state funding.

Prior to relocating to Pennsylvania, Ms. Lee worked with several Maryland-based firms from 1978 to 1991. At MK Enterprises, Silver Spring MD, she was a designer and then Site Planning and Preliminary Planning Department Head. Her responsibilities included preliminary and final designs for large commercial, (example: town center projects) and large residential developments (example: Planned Urban Developments). Ms. Lee was the project representative for the processing of all necessary permits through local and county agencies. From 1978 to 1985 Ms. Lee was a designer and planner with Johnson Engineering.

Project Experience:

Rail Projects:

Commerce Chenango (also known as Chenango County IDA), Norwich, NY

Assisted CCIDA with questions and concerns as related to the railroad line within Chenango County as to environmental permitting, compliance and permitting issues, especially as related to key washed out areas and potential rehabilitation and reconstruction issues related to NEPA, SEQR and other issues.

United Refining Company / Kiantone Pipeline Corporation – West Seneca, NY

Yard Track Wetlands and Environmental Issues – Preparation of all environmental plans through the state and local agencies. Plans included wetland delineation and mitigation, plus stormwater management and erosion control measures. Review of design plans to assure minimal disturbance to



environment. Represented client in meetings with Federal, State and local governments to deal with environmental issues.

Western New York & Pennsylvania Railroad – Poland, NY

Track Relocation –Preparation of all environmental plans through the state and local agencies. Plans included wetland delineation and mitigation, plus erosion control measures. Review of design plans to assure that minimal disturbance to environment. Represented client in meetings with State and local governments to deal with environmental issues.

Western New York & Pennsylvania Railroad – Cochranton, PA

Track Derailment Environmental Issues – Designed erosion control measures to deal with track derail. Handled all environmental issues with the Pennsylvania Department of Environmental Protection. Represented client in meetings with State and local governments to deal with environmental issues.

Morristown and Erie Railroad - Morristown, NJ

Flooding Issues –Prepared hydrological and hydraulic studies and plans for stream grading and pipe replacement underneath railroad tracks to eliminate flooding problems upstream and downstream of site.

Texas State Railroad – Palestine, TX

Track Restoration – Preparation of all necessary environmental documentation for submission to Texas State.

Clearfield Foundation – Clearfield, PA

Track Construction – Preparation of all necessary environmental documentation to be submitted to the Pennsylvania Department of Environmental Protection.

Stormwater Management Projects

Urban Developments:

Impact Warren - Warren, PA

Site Development – Design and preparation of storm sewer plans, stormwater management plan, erosion control plans and Road Plans for redevelopment of the City of Warren’s Pennsylvania Avenue & Clark Street Corridor. The project consisted of redevelopment of a commercial area into a municipal parking garage and an hotel/conference center.

Impact St. Marys – St, Marys, PA

Site Development – Design and preparation of storm sewer plans, stormwater management plan, erosion control plans and Road Plans for redevelopment in the City of St. Marys. The project involved the redevelopment of the existing industrial land use to a mixed development use, which included a municipal parking garage/bus terminal, commercial/retail buildings and a hotel site.

Lighthouse Island – Tionesta, PA

Site Development – Design and preparation of storm sewer plans, stormwater management plan, erosion control plans and Road Plans for the development of an island located in the Allegheny River. The project proposes to construct 31 residential units and will not propose any direct discharge into the Allegheny River. All Stormwater management is handle through infiltration.



Additional Projects:

Industrial Developments:

Marienville Industrial Park
Knowledge Park
Fairview Industrial Park

Oil & Gas Developments:

Jones Development, Inc. – 20 Wells
BVK – 5 Wells
PAPCO Lot 38 & 39 – 8 wells
PAPCO Lot 49 – 14 wells
Penn Virginia – Marcellus Shale well development

Mining:

Wroblewski Gravel Pit
Kuhl Gravel Pit
Laura Mine Air Quality Permit
Ferris Gravel Pit

