

Charles R. Dutill, II, P.E.



**HERITAGE TECHNICAL SERVICES INC.
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Summary of Experience

For thirty years Chuck Dutill has been managing and performing stormwater/flooding, civil, and environmental engineering consulting, both as principal of a small firm and as a member of two distinguished international engineering firms. His work has been heavily concentrated in analysis of environmental regulations; litigation support/expert testimony services (including for toxic tort); evaluation of environmental monitoring requirements; development of feasibility studies and facility plans; communication of environmental and risk concepts; acquisition of environmental permits; and provision of rate, connection fee, and billing advice. He also has significant engineering experience in the areas of design, construction management, operations assistance, community acceptance, and business development.

Fields of Competence

Serving as a civil/environmental consultant for private, institutional, and governmental clients, Mr. Dutill has expert witness and project experience in industrial (wastewater) pretreatment, septic/onsite systems, stormwater, flooding, hydrology, hydraulics, modeling, surface water, groundwater, compliance, enforcement, wastewater treatment/discharge, regulatory audits, and metering systems/ instrumentation. In addition, pollution, Right-to-Know, risk management, water quality, solid waste, hazardous waste, pollution prevention, water reuse and conservation, sewer systems, and Standard of Care are fields for which he has significant capability. Finally, other areas of proficiency include combined sewer overflows, non-point source pollution, biosolids management/marketing, composting, potable water, and air regulations. Some of the specific types of clients for whom he has provided services comprise pharmaceutical/biotechnology, law firms, insurance companies, water parks/amusement parks/pools, general industry, municipalities and authorities, camps/conference centers, campgrounds, consulting and engineering firms, waste handling firms, developers, and general commercial facilities.

Professional Registrations and Associations

Registered Professional Engineer: Pennsylvania, New Jersey, Maryland, and Delaware

Registered Professional Planner: New Jersey

National Society of Professional Engineers: Member, 1988 - Present

National Forensic Center: Member, 1999 - 2004

Environmental and Water Resources Institute: Member, 2003 - Present

American Society of Civil Engineers: Member, 1978 - 1985 and 2003 - Present

Water Environment Federation: Member, 1978 - Present

Air & Waste Management Association: Member, 1997 - Present

American Water Works Association: Member, 1985 - Present

Professional Experience

Prior to forming Heritage Technical Services, Inc. in 1988, Mr. Dutill had the following environmental engineering employment experience:

Greeley and Hansen, Engineers, 1976 - 1978
Coop/Technician, 1976 - 1978

Metcalf and Eddy, Inc., 1978 - 1983
Project Engineer, 1982 - 1983
Engineer, 1978 - 1982

Greeley and Hansen, Engineers, 1983 - 1988
Engineering and Business Development Manager, 1985 - 1988
Assistant Engineering and Business Development Manager, 1983 - 1984

Credentials

Cornell University, BS Civil and Environmental Engineering (1978), with distinction

Honors - Tau Beta Pi Engineering Honor Society, Chi Epsilon Civil Engineering Honor Society, Cornell National Scholar

Related Experience

Mr. Dutill has dealt with many significant environmental issues including but not limited to stormwater/flooding, surface water, groundwater, pollution prevention, water recycling and conservation, connection fees, wastewater discharge controls, regulatory compliance auditing, risk management planning, combined and sanitary sewer overflows, non-point source pollution, erosion, sedimentation, instrumentation and control, environmental management systems, hazardous materials, hazardous and toxic wastes, and site contamination.

As was indicated above, he is also active participating in numerous professional technical committees. Major issues being considered by these committees include water, wastewater, and solid waste planning; non-point source pollution; nutrient treatment; stormwater/flooding; hydrology, hydraulics; bioassay requirements; NPDES permitting and permit modifications; biosolids regulations; water quality standards; and various Delaware Estuary issues, including stormwater, non-point source pollution, and water quality criteria modifications.

Additionally, he has served in local government on a Planning Board and Municipal Authority. Important issues for the planning board included stormwater, utilities, traffic, soil erosion, sedimentation control, zoning, open space, on-lot sewage disposal, on-lot water supply, and steep slopes, as well as the associated plans, ordinances, and resolutions. Significant issues for the municipal authority included wastewater collection issues as well as wastewater treatment plant sizing, permitting (NPDES and construction), technology, spray irrigation, connection fees, odors, and wastewater reuse at a golf course.

Preparing and submitting permit applications with the appropriate follow-up coordination constitutes an important facet of Mr. Dutill's experience. He works closely with government agencies as well as with clients to seek permits and other regulatory approval, or where appropriate, permit or regulatory exemptions or reduced permit requirements. His efforts in this area range from sole responsibility to participation in professional teams consisting of attorneys, environmental scientists, planners, specialty engineers, architects, waste handling specialists, environmental contractors, surveyors, and well drillers.
