

Gary M.B. Kribbs, P.G

Situation Analysis, Regulatory Environment, Site Locations & Analysis

Credentials

Mr. Kribbs has over twenty years of experience directing and implementing a wide-range of geologic, hydrogeologic, engineering geology and environmental investigations and providing leadership and guidance for teams of professionals and technicians in the geoscience and engineering disciplines. His technical responsibilities have included developing and conducting geologic, hydrogeologic (water supply, remediation design and construction) and geotechnical surface and subsurface investigations. Mr. Kribbs has successfully completed and cost-effectively managed dozens of projects ranging in budget from several thousand to several hundred thousand dollars. His geological exploration investigations exceed 55,000 lineal feet of geotechnical and water well drilling with inspection, logging and interpretation. Over the past twenty years, Mr. Kribbs has managed numerous consultant teams and interacted closely with public sector and private corporate clients.

MS, Geology, Structural focus, The University of Toledo, 1982
BA, Geology, The University of Toledo, 1979

Registered Professional Geologist Pennsylvania, PG-000682-G, Delaware - S40001025

Licensed Geoscientist-Geology, State of Texas – 1428

Certified Professional Geologist, Tennessee - TN4226

40-Hour OSHA Trained

8 Hour OSHA Supervisory Trained

Troxler Nuclear Testing Equipment Certified

PA - Member of the Delaware Regional Water Resources Committee

Term September 2003 through September 2006

PA DCNR Conservation & Natural Resource Advisory Committee Board

Member Term October 2002 to January 2004

Pennsylvania Council of Professional Geologists (PCPG) Board of Directors

Association of Engineering Geologists

Manuscript reviewer for the EEG 2001

American Water Resources Association (AWRA), Manuscript reviewer for the

Journal of the American Water Resources Association, 1997, 1998, 1999

Association of Ground Water Scientists and Engineers (NGWA)

Representative Project Experience

LARGE SCALE ENVIRONMENTAL ASSESSMENTS, WASTE AND DREDGE MATERIAL EVALUATIONS:

Philadelphia Naval Yard Eastern Waterfront Campus Philadelphia, PA

Project manager and geologist of a large scale Phase 1 ESA and impact evaluation for a 300-acre location on the eastern portion of the former Philadelphia Naval Yard.

Whites Basin & Raccoon Island, Logan Township, Gloucester County, NJ

Project manager & geologist for a large scale (2200 acres) Phase 1 & 2 ESA for a privately owned dredge material upland disposal facility.

JFK International Airport, New York City, New York

Project manager overseeing a Deicing Study to access new technologies, capture and treatment for proposed 100-acre 54 gate American Airlines Apron Expansion.

New Castle County Airport, New Castle, Delaware

Project Manager responsible for producing a fast tracked first edition of Storm Water Pollution Prevention Plan required mitigating a notice of violation pursuant to new DREC NPDES regulations.

Bangor Borough Authority, Bangor, PA.

Responsible geologist and project manager for the assessment, evaluation and restoration Work Plan development of an abandoned incinerator and municipal incinerator ash disposal facility.

Philadelphia International Airport Runway 8-26 Expansion, Philadelphia & Delaware Counties

Project manager of oversight and technical review contract for the environmental aspects of this new runway design. Involved wetlands, geotechnical complexities, and constructing over a closed delisted NPL site within a sole-source aquifer district. Interacted with four consultants, clients and agencies.

Pennypack Park Wetland Mitigation Project, Philadelphia PA

Project Manager and responsible Geologist for the investigation of a 40 acre waste disposal area and subsequent design of a 14.5 acre Incinerator Ash waste facility in conjunction with a 12-acre tidal wetland mitigation project. Coordinated on a team of three consultants.

Colebrookdale Landfill, Berks County, PA

Responsible geologist and project manager for water quality evaluation of historical contamination present within an active operating lined facility's monitoring system.

Durkin Contracting, Philadelphia, PA

Responsible geologist and project manager for the characterization, evaluation and remediation of a large "offsite source" volatile organic plume.

Barger/Mobil, Camden, NJ

Responsible geologist and project manager for the characterization, evaluation and construction of a pump and treat remediation system from a LUST in a paleoestuary system.

Colwell Lane Site, Plymouth Meeting, PA

Responsible geologist and project manager for the characterization and evaluation of an abandoned industrial dump site.

Mill Run Corporate Center, Lehigh County, PA

Responsible geologist and project manager for a Phase 1 and 2 assessment of an abandoned cement and concrete facility.

Social Security Administration Building, Wilkes Barre, PA

Responsible geologist and project manager for a geotechnical evaluation of a building site, including initial coal reserve estimation through subsurface investigation to foundation excavation inspection and certification.

V.A. Federal Building, Wissahickon Avenue, Philadelphia, PA

Responsible geologist and project manager for an environmental evaluation of an existing industrial site and building and preliminary geotechnical investigation.

MAJOR SUPERFUND PROJECTS (NPL)

Industrial Lane Site, Northampton Co., PA

Responsible geologist to the primary PRP in the RI/FS evaluation and presently responsible for the hydrogeological evaluation of the remedial system.

North Penn II Site, Montgomery Co., PA

Reviewing geologist to a named PRP to the NPL site. Responsible for cursory delineation of the hydrogeological conditions.

Dorney Landfill, Lehigh Co., PA

Reviewing and over-site geologist to the U.S. Department of Justice and the U.S. EPA to evaluate historical remedial action at the NPL site as well as proposed action by a PRP consultant.

Lansford/Coaldale Joint Water Authority, Schuylkill Co., PA

Evaluating geologist for investigations conducted at an abandoned NPL site to assess the impact to a nearby public water supply.

MAJOR SOLID WASTE FACILITY PROJECTS

Chrin Brothers Sanitary Landfill, Northampton, Co. PA

Responsible geologist and project manager for a complete geological/hydrogeological characterization for the facility expansion, groundwater monitoring and statistical evaluation, and groundwater contamination abatement system design.

Colebrookdale Sanitary Landfill, Berks, Co. PA

Responsible geologist and project manager for the geological/hydrogeological confirmation during expansion construction. Characterization for additional expansion design. Creation and implementation of old dump exhumation program and remediation within an active facility. Also, groundwater/surface water monitoring and evaluation of the overall site.

Hamms Sanitary Landfill, Sussex Co. NJ

Responsible geologist and project manager for groundwater quality monitoring and evaluation for the facility to New Jersey DEPE.

M & M Development Construction Demolition Landfill (Harleysville Quarry), Montgomery Co., PA

Responsible geologist and project manager for a complete geological/hydrogeological characterization of the proposed facility converting an exhausted argillite strip pit to a state of the art disposal facility.

Sugarloaf Landfill, Luzerne Co., PA

Responsible geologist and project manager for a complete deep and strip mine subsidence evaluation, geological/hydrogeological characterization beneath a closed natural renovation facility in order to convert and reopen the site to a double lined municipal solid waste facility.

Coatesville Landfill, Chester Co., PA

Responsible geologist and project manager for groundwater quality monitoring and statistical evaluation of a closed natural renovation facility.

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Project Manager of oversight and technical review contract for the environmental aspects of this new runway design. Involved wetlands, geotechnical complexities, and constructing over a closed delisted NPL site within a sole-source aquifer district. Interacted with four consultants, clients and agencies.

LARGE SCALE HYDROGEOLOGICAL INVESTIGATIONS (Includes Water budgets & Infiltration and Recharge Evaluations)

Duke Farms Estate Water Budget for Man-Made Lake, Falls & Fountain System Somerville, NJ

Responsible Technical expert for a 100 year old man-made 60-acre lake, fountain & falls system involving water budget calculations, hydrologic characterization and monitoring specifications for an in-stream mitigation site.

Morgan Hill Development Golf Course Irrigation Water Source Development Williams Township, PA

Responsible geologist and project manager for a full scale hydrogeological irrigation water supply evaluation for commercial development. Project involves installation of supply well(s), permitting and impact analysis to surrounding domestic wells, wetlands and springs and resource predictions.

Pine Valley Farms Spring Water Source Development New Ringgold, PA

Responsible geologist and project manager for a full scale hydrogeological spring water supply evaluation for commercial development. Project involves installation of 2 wells, permitting and water processing as well as resource predictions. The project was the first permitted large volume spring permit in Eastern PA in 4 years. Permit Amendment design involved innovation piping design to eliminate above ground tank and tanker pump.