



SPECIALTY EARTH SCIENCES, LLC
New Albany, Indiana (Louisville Office)

MARTIN HANKA, PE
Senior Environmental Engineer

EDUCATION

B.S. Chemical Engineering
University of Louisville: Louisville, Kentucky

Graduate Studies in Environmental Science
Indiana University: Bloomington, Indiana

AREAS OF EXPERIENCE

- Years of Experience - 25.0
- Years with Hanka Assoc. - 2.0
- Years with O'Brien & Gere - 2.5
- Years with AW Goodman - 7.0
- Years with Midwest Environmental - 7.0

Mr. Hanka is currently serving as a Senior Environmental Engineer at Specialty Earth Sciences, LLC in New Albany, Indiana on a variety of environmental remediation projects and research activities.

Mr. Hanka's past work experience includes previous employment as a Project Manager with the national firm of O'Brien & Gere headquartered in Syracuse, New York.

Prior to joining O'Brien & Gere, Mr. Hanka served as a Process Engineer with the regional firm of AW Goodman and Associates, located in New Albany, Indiana.

Job duties include engineering for a wide variety of water/wastewater processes, including design equipment specification, system integration, construction management, and operations.

CERTIFICATIONS

Professional Engineer
Certification Number # IN10302388

Certified Industrial Wastewater Treatment Operator
Class D, Indiana, Certification Number # 15839

REMEDIAL PROJECT EXPERIENCE

- City of Bloomington Utilities, Bloomington, IN – Completed design and construction management of a \$4,300,000, 40,000,000-gallon sewer overflow holding basin with a 250 HP VFD pump system, 36-inch ductile iron force main, floating aerators, magnetic flow meter, service water pump upgrade, and reinforced liner. Service water system was used to provide spray wash for basin cleaning. This basin was the largest in the state of Indiana at the time of construction and saved the utility \$10 million in sewer I/I repairs.
- Consolidated Recycling Co., Tell City, IN – Performed design, construction management, and start-up of a biological treatment system for an ethylene glycol recycling plant. The biological system utilized a fixed-film plastic media (IFAS) to replace aerated lagoons.
- Sud-Chemie, Sewer Solids Removal, Louisville, KY, Project Manager - Investigated sources of scale deposition in sewers and developed a solids removal method for wastewater from metal catalyst production. Specified a turbidity monitoring system to provide detection of solids in the wastewater discharge.
- Confidential Client, Slug and Spill Detection, Dairy Product Manufacturer, Project Manager - Specified and pilot tested a suspended solids sensing system for slug and spill detection resulting in a first time application of the sensor for milk wastewater in the US. The monitoring system has proven to be an important tool for slug and spill prevention, as well as reducing waste in the processing plant.
- Nestle, Mt. Sterling, KY – Performed pilot testing, design, and construction management of a 400,000 gpd wastewater treatment plant improvement project totaling \$500,000. Improvements included a traveling screen, 500,000-gallon bolted, glass-lined tank, VFD pumping system, and floating mixer.