



RT Environmental Services, Inc.

Your Solution-Oriented Environmental Services Firm

PROFESSIONAL PROFILE

CHRISTOPHER M. BLOSENSKI

PROFESSIONAL QUALIFICATIONS

Mr. Blosenski has more than one year of environmental experience in areas including data management and review, quantitative risk assessments, statistical evaluation of analytical data, site assessments, and risk assessment review. He has focused on the technical requirements under Pennsylvania's Land Recycling and Environmental Remediation Standards Act (Act 2). Mr. Blosenski has completed statistical evaluation of analytical data, screening of data against appropriate media specific criteria, toxicity assessments, quantitative risk assessments, and development of conceptual site models. He has also assisted in the development of Remedial Investigation Reports, Risk Assessments, Cleanup Plans and Environmental Covenants for multiple sites.

EDUCATION

B.S. Environmental Science
California University of Pennsylvania 2011

REGISTRATIONS/CERTIFICATIONS

OSHA 40 Hr. HAZWOPER Certification
Asbestos Building Inspector Certification
38 Hr. Army Corps of Engineers Wetland Delineation Training

FIELDS OF SPECIALIZATION

Public Health Assessments
Data Management
Statistical Evaluation of Analytical Data
Site Assessments

KEY PROJECT EXPERIENCE

- Developed an understanding of equations, parameters, and calculations necessary to complete a risk assessment using models from Pennsylvania as well as other states. He is familiar with the chemical properties and toxicity criteria available through a hierarchy of resources, as well as gathering background information, such as searching for existing groundwater wells within the vicinity of a site using the PA Groundwater Information System (PaGWIS) online database. He is competent in utilizing ProUCL, a comprehensive statistical software package, in order to perform statistical analyses of analytical data and to develop

CHRISTOPHER M. BLOSENSKI

Page 2

exposure point concentrations. Mr. Blosenski has developed risk calculations and supporting text for multiple risk assessments.

- **Contributed to the development of a fate and transport model and receptor-specific exposure pathway models for a remedial investigation report. He also created soil and groundwater tag maps which are used to highlight exceedance of constituents in comparison to PA's Act 2 screening criteria and their location in relation to the site.**
- **Assisted in developing a model that required site-specific soil concentrations. This required him to use the Johnson and Ettinger (J&E) model to back calculate from a standard risk and hazard index to determine the acceptable soil concentration for the site. He was able to accomplish this by having strong understanding of the assumptions and limitations of the model.**
- **Produced trend graphs for a former MGP site that had an In Situ Stabilization (ISS) completed as a part of the remediation. The trend graphs compared potentiometric surface elevation to the concentrations of site-related constituents within designated monitoring wells. He was evaluating whether or not the ISS altered groundwater flow and potentially changing the risk at these different monitoring wells.**
- **Performed statistical analyses on quarterly groundwater data under a National Pollutant Discharge Elimination System (NPDES) Permit. This analysis utilizes the tolerance interval procedure to calculate tolerance limits based on the background well data and compares data from four compliance monitoring wells in order to determine if there is a statistically significant increase in concentration over the background well.**