

**Air Force Case Study Case Study:
Complex Remediation at Air Force Plant PJKS**

*Samuel L. Brock, DVM, MPH
Air Force Civil Engineering Center*

Groundwater remediation to final goals at highly complex sites remains challenging. Discussion describes a success story about how project managers identified key technical challenges and how they evaluated and mitigated their impact on the remedial strategy. The approach addresses secondary objectives of efficiency, timeliness, cost-effectiveness while achieving the primary objective to protect human health. The site-specific approach based remedy selection, design, and performance objectives on long-term management objectives that comply with existing regulations. Understanding the chemical characteristics of the contaminants of concern and the complex site hydrogeology, when combined with results of pilot studies, allowed managers to use novel approaches that leverage innovative technologies, legally enforceable environmental covenants and point of compliance designations to develop achievable, performance-based remediation objectives.