

Abstract

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Web-Based Environmental Data Management System for Military Installations

Track: Environment Solutions

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AMEC Earth & Environmental developed a data management Web site for the US Army Corps of Engineers and the National Guard Bureau. It provides query, download, and report building of groundwater study data and ordnance use at the Massachusetts Military Reservation (MMR). The project integrates ArcIMS, ArcSDE, and Microsoft SQL Server 2000. An active training facility for more than 60 years, the 14,000-acre Camp Edwards contains unexploded munitions and other potential environmental issues. AMEC has developed a database containing over three million records taken from more than 15,000 soil, sediment, surface water, and groundwater samples observed from more than 500 monitoring wells.

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