



ENVIRONMENTAL RESTORATION

U.S. Army Environmental Center

RACER (UXO)

The Remedial Action Cost Engineering and Requirements (RACER) system is a parametric, integrated cost-estimating software specifically developed for estimating costs associated with environmental restoration projects. The system provides the detail of a definitive estimate, but can also be used at the early order-of-magnitude stage of cost estimating. RACER cost estimates provide the detail and accuracy of manual estimates, but are 10 times faster and less error prone.

RACER was originally developed in 1991 under Air Force funding and has been updated and validated annually. It is a cost-estimating tool that accurately estimates costs for all phases of remediation: Interim Actions/Interim Measures, studies (remedial investigations/feasibility studies (RI/FS), Resource Conservation and Recovery Act facility investigations/corrective measure studies (RFI/CMS), and preliminary assessments/site investigations (PA/SI)), Remedial Design, Remedial Action (including Operation and Maintenance), and site work and utilities. The engineering solutions within RACER are based on data from government and industry, construction management agencies, technology contractors and vendors, and historical project information.

The Air Force released the RACER 2000 software in December 1999. RACER 2000 is an upgraded, Y2K-compliant system that runs in a Windows 95/NT operating system. This version has been significantly enhanced with additional data and features that reflect updated remediation industry practice. The U.S. Environmental Protection Agency, Department of Defense, Department of Energy, state agencies, and many environmental consultants endorse it as a preferred estimating and negotiating tool.

The latest version of the software (RACER 2000) contains over 100 technologies that the user can select to estimate different project and site scenarios. In addition to all the environmental cleanup technologies, RACER 2000 also includes five new Ordnance and Explosives (OE) models to facilitate development of cost estimates for ordnance assessment and cleanup: Archive Search Report (Ordnance Projects), OE Removal Action, OE Monitoring, OE Institutional Controls, and OE Engineering Evaluation/Cost Analysis. With the promulgation of the Range Rule, RACER 2000 serves as a valuable tool in that it accommodates future liability assessment for each of the Comprehensive Environmental Response, Compensation and Liability Act phases.

More Information

Additional questions can be addressed to:

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