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## New Lower Estimate for Soils Contaminated with Secondary Explosives and the Associated Implications

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**Abstract:** This report gives an estimate of the volume of explosives- contaminated soil requiring remediation at selected Army installations as of March 1997. It also estimates a total cost of treating this soil. The report describes the process and assumptions used to identify installations with known or suspected contamination, identifies sites likely to require treatment, and estimates the volume of contaminated soil at each selected site. Finally, it compares this new soil volume estimate with a previous estimate, explains why they differ, and describes the implications of these results. Based on 1996 data, there is an estimated total of 287,000 cubic yards of explosives- contaminated soil at 15 installations requiring excavation and treatment. For this estimate, the contaminants of concern were primarily trinitrotoluene (TNT), Royal Demolition Explosive (RDX), and High Melting Explosive (HMX).

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