

DEPARTMENT OF THE ARMY
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DG 1110-1-2

CECW-E

Design Guide
No. 1110-1-2

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Engineering and Design
DESIGN GUIDANCE FOR
ADSORPTION DESIGN GUIDE

1. Purpose. This design guide (DG) provides guidance for the basic design of liquid and vapor phase adsorption processes. These processes remove organic contaminants from liquid and vapor phase streams. Included are principles and theory of adsorption, liquid and vapor phase carbon adsorption, carbon regeneration, and non-carbon adsorption. Also included are design examples.
2. Applicability. This DG applies to all USACE elements, major subordinate commands (MSC), districts, laboratories, and field operating activities (FOA) responsible for HTRW remediation projects. The engineering and design procedures are applicable to all Corps of Engineers projects. If required, cleanup is conducted at both Federal and commercial sites including Department of Defense installations.
3. Distribution Statement. Approved for public release; distribution is unlimited.
4. Reference. See Appendix F.

FOR THE COMMANDER:

6 Appendices
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