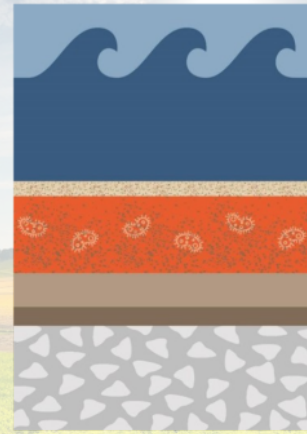


Welcome

Sediment Cap Isolation Guidance Design, Construction and Monitoring Approach



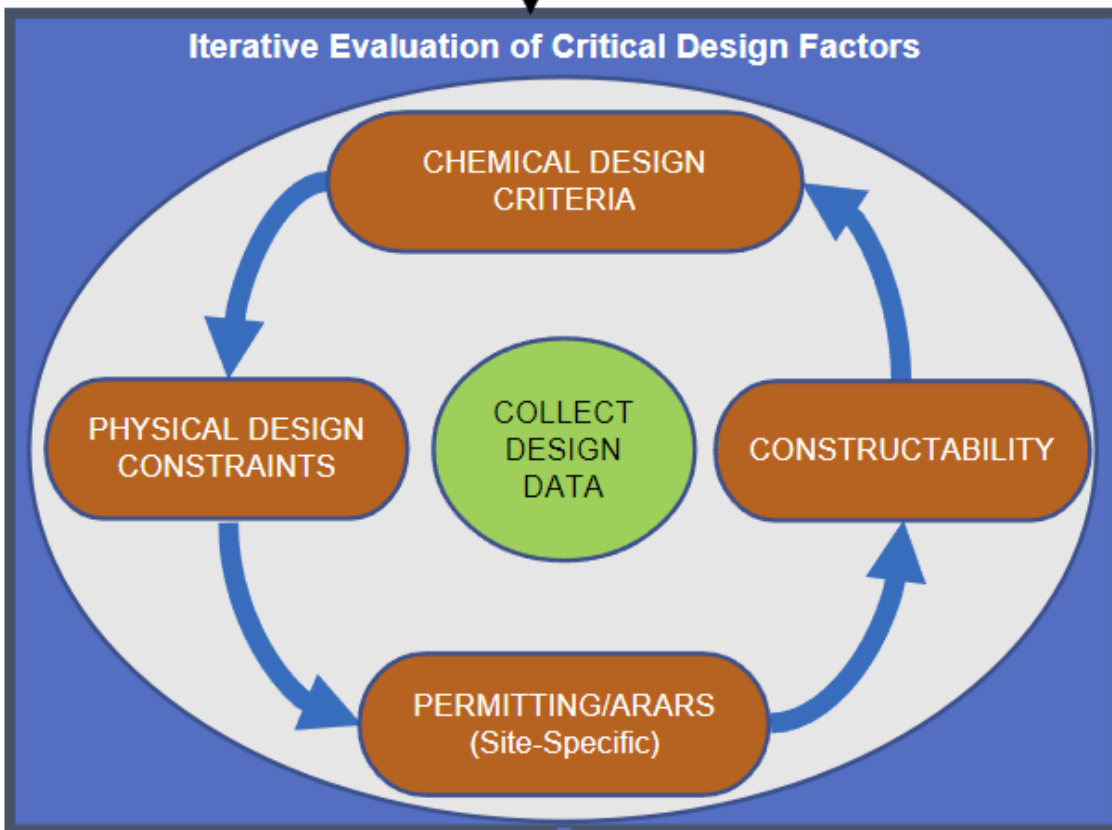
This guidance provides a framework for the design, construction, and long-term monitoring approach for the chemical isolation function of sediment caps. It is intended for regulators, stakeholders, consultants, responsible parties, and owners of contaminated sediment sites where sediment capping has been selected as a remedy. This guidance supports the use of iterative design process informed by site-specific data that balances achievement of chemical design criteria, physical design constraints, constructability, and permitting requirements. In addition, the guidance summarizes key construction considerations and presents a recommended approach for monitoring and evaluating long-term chemical isolation performance.

Recommended Framework for Sediment Cap Design

Capping as Selected Remedy

Establish Cap Performance Objectives

Establish Conceptual Cap Design(s)



Final Design and Specifications

Construction

Post-Remediation Monitoring and Maintenance

Source: ITRC Sediment Cap Update Team

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