Reuse of Solid Mining Waste: Interstate Technology & Regulatory Council Guidance



Walter Wright, Jr.
wwright@mwlaw.com
(501) 688.8839

02/28/2025

The Interstate Technology & Regulatory Council ("ITRC") has issued a guidance document titled:

Reuse of Solid Mining Waste ("Guidance").

The stated objective of the Guidance is to help determine whether there is an appropriate use for a particular solid mining waste.

ITRC describes itself as a:

…national coalition focused on developing tools and strategies to reduce interstate barriers to the deployment of innovative environmental technologies.

Significant quantities of solid mining waste are obviously generated in the United States. The Guidance notes that the range of physical and chemical properties make such materials potentially:

- Valuable.
- Potentially hazardous to human health and the environment.

The Guidance addresses:

- Introduction to mining wastes.
- Considerations for reusing mining waste - waste characterization, economic and market considerations, life cycle and risk assessment, regulatory considerations, & stakeholder considerations.
- Potential applications for the reuse of solid mining waste: examples of construction, environmental, and industrial reuses.
- Review of technologies used in mineral beneficiation and processing.
- Case studies illustrating a rang of current mining waste reuse scenarios.

A link to the Guidance can be found here.