

BACKFILLING CHECKLIST

PURPOSE OF BACKFILLING

- Backfilling provides the vault's structural integrity.
- It is critical that the vault be completely assembled before backfilling to prevent vault failure.

SELECTING BACKFILL METHODS & MATERIALS

- Choose backfill methods and material choices based on soil conditions, customer requirements and contract specifications.
- Examples of proper backfill materials include slurry, CDF, and pea gravel, among others.
- Select well-graded material that is free of rocks and is not saturated with water.

BACKFILLING TECHNIQUES

- Begin backfilling after assembly is complete, and add the chosen backfill material evenly in 1' to 2' lifts to all sides of the vault.
- Compact the backfill material as needed to avoid voids from forming around the vault, which can cause the vault to collapse.