

BIOMEDICAL WASTE VAULT

PROJECT

- 50°F / 10°C
- Biomedical, bionuclear waste vault for large Denver hospital
- 4-foot thick waste vault walls
- Customer: Bestway/Burnco

SUMMARY

Bionuclear waste leaves **no room for error** with high specification, mass concrete pours. NITROcrete™ delivered loads cooled in the 40°F/10°C range when an unexpected September heat wave threatened to ruin the customer's high-spec job.



CHALLENGE

- High specification, mass concrete required for 4-foot thick vault walls
- Stringent specifications to prevent thermal microcracking
- Biomedical, bionuclear waste leaves **no room for error**
- Unexpected heat wave hit Denver and threatened project completion
- Uncooled loads batching in the 90°F/32°C range when 50°F/10°C were required

NITROcrete™ ADVANTAGE

- Met and exceeded cooling requirements, even on the test pour, **wasting no time for cooling**
- Customer met **stringent public safety specifications**
- Prevented thermal cracking in **biomedical, bionuclear** waste vault
- Allowed customer to keep a **population-dense area safe**
- **Protected** customer from **liabilities**

Mass concrete for
bionuclear waste