



## Project Spotlight

# MasterRoc<sup>®</sup> Products Underground Construction

### Project

Dugway Storage Tunnel

### Location

Cleveland, OH

### Owner

Northeast Ohio Regional  
Sewer District (NEOSD)

### Design Engineer

Mott MacDonald

### Contractor

Salini Impregilo Healy JV

### Tunnel Size

2.7 miles (4 km) long,  
24 feet (7 m) in diameter

### TBM (tunnel boring machine)

Hard Rock TBM  
manufactured by Herrenknecht

### Geology (Ground Condition)

Cleveland Shale

### Product Applications

Annulus Grout:

MasterSet<sup>®</sup> R 100,  
MasterRoc AGA 41S;

Tail sealant:

MasterRoc TSG 6;

Injection:

MasterRheobuild<sup>®</sup> 1000;

Shotcrete:

MasterRoc SA 160

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