



RAINWATER
FROM ROOF

STORMWATER
FROM DRIVEWAY
& SURFACES

RESIDENTIAL
WASTE MANAGEMENT
(Fiberglass Septic Tank)

STORMWATER
FROM DRIVEWAY
& SURFACES

CLEAN WATER
INFILTRATES NATURALLY
INTO THE SOIL

INFILTRATION TUNNEL SYSTEM

Efficient. Durable.
Sustainable Water
Management.

Protects our water • Sustainable by design • Built to last

What is an Infiltration Tunnel?

An infiltration tunnel is a high-performance subsurface drainage system designed to collect, temporarily store and disperse clarified effluent, and storm water into surrounding soil. It provides an efficient, engineered alternative to traditional gravel-filled soakways and leach fields.



KEY BENEFITS

✓ HIGH STORAGE CAPACITY

Designed to hold and disperse large volumes efficiently

✓ DURABLE CONSTRUCTION

Resistant to corrosion and soil loads

✓ SUPERIOR INFILTRATION

Maximizes soil contact for effective absorption

✓ SPACE-SAVING DESIGN

Requires less footprint than traditional soakaways

✓ LIGHTWEIGHT & EASY INSTALLATION

Faster setup compared to stone systems

✓ ENVIRONMENTALLY FRIENDLY

Promotes natural groundwater recharge

SYSTEM FEATURES



Modular tunnel sections for flexible layout



Engineered sidewall and base openings for uniform dispersion



Compatible with a variety of soil conditions (subject to percolation testing)



Designed for underground installation

IDEAL APPLICATIONS

- Residential septic systems
- Commercial developments
- Rural and off-grid properties
- Stormwater and greywater management

TYPICAL INSTALLATION

- Install in a prepared trench with level base
- Place infiltration tunnel sections in trench
- Surround with permeable backfill or geotextile wrap (if required)
- Connect directly to septic tank outlet via distribution piping

IMPORTANT CONSIDERATIONS

- Soil percolation rates must be suitable
- Proper sizing ensures long-term performance
- Regular septic tank maintenance is essential
- Installation should comply with local regulations



Contact us today!

