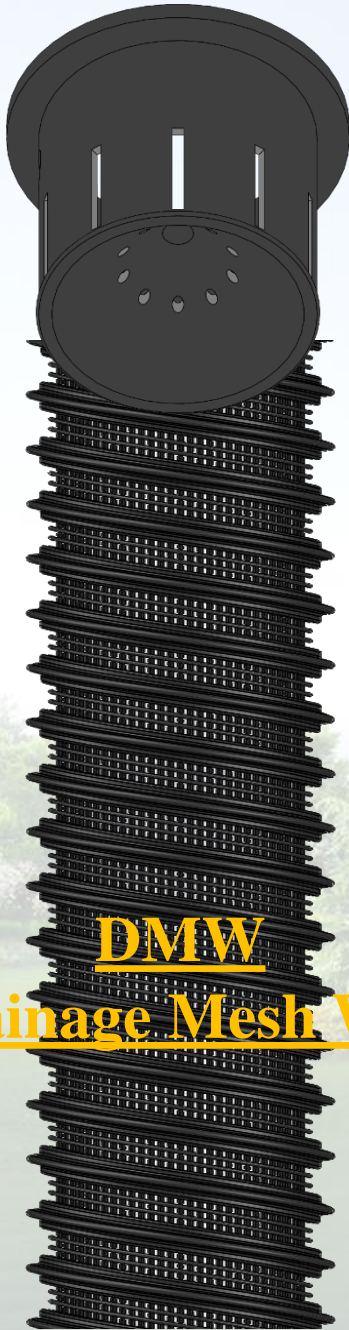




**ECO-MESH**  
**Water Solution**



**DMW**  
**Drainage Mesh Well**



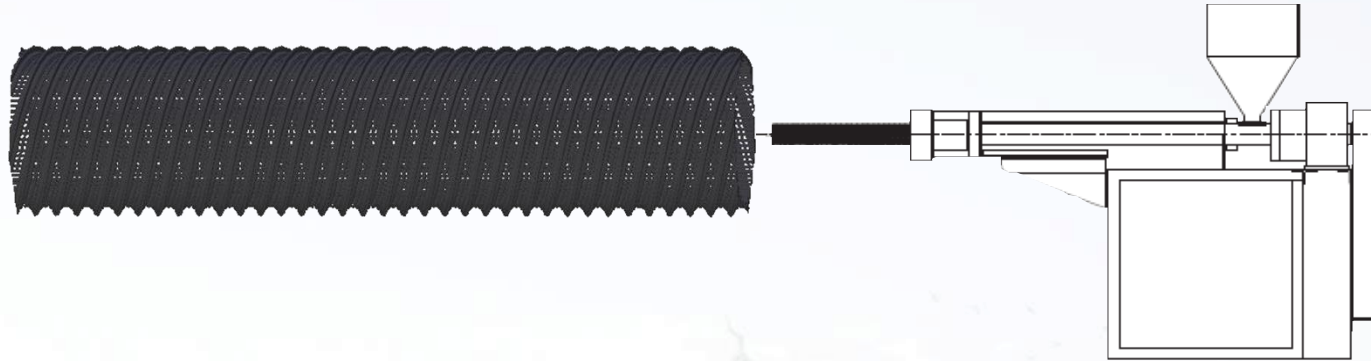
**DMP - Drainage Mesh Pipe**



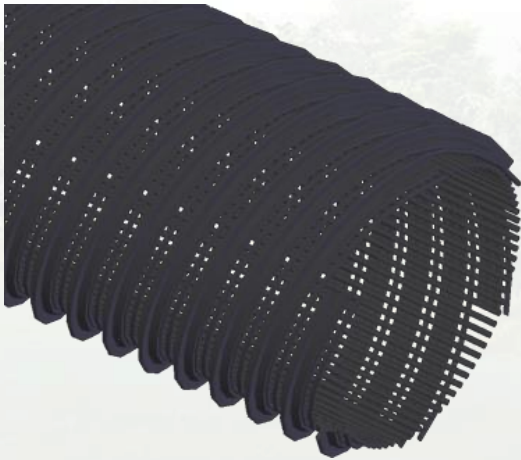
**ECO MESH PIPE**  
**Keep Earth Green**

# DMP - Drainage Mesh Pipe- Manufacturing

## DMP - Drainage Mesh Pipe is Made of Extruded Plastic



## Shape of ECO Mesh drainage Pipe



NSO  
Full permeable



NSD  
2/3 permeable

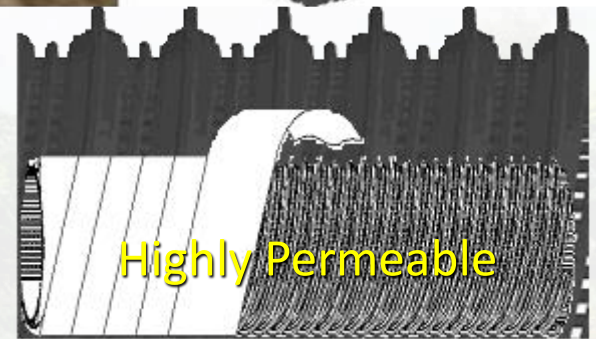
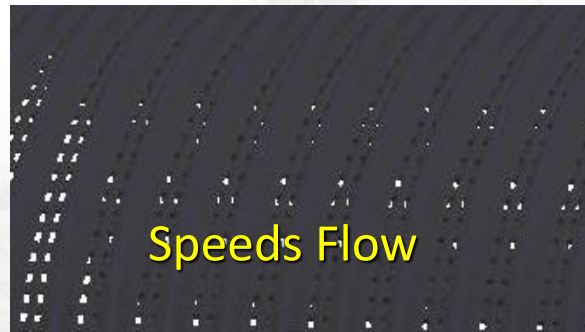


NSH  
1/2 permeable



# DMP - Drainage Mesh Pipe - Features

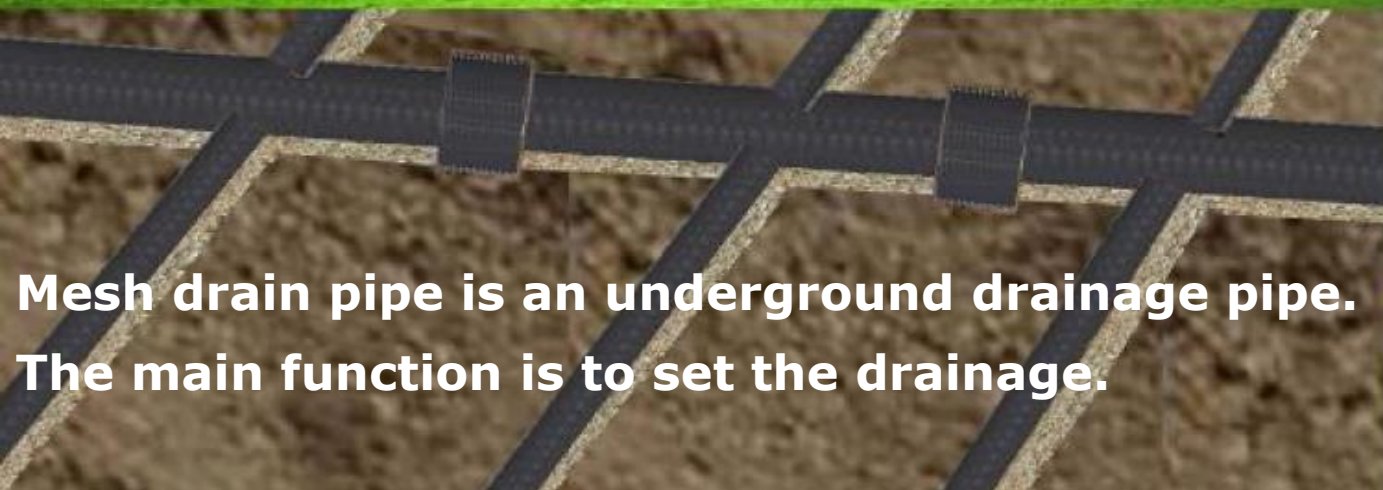
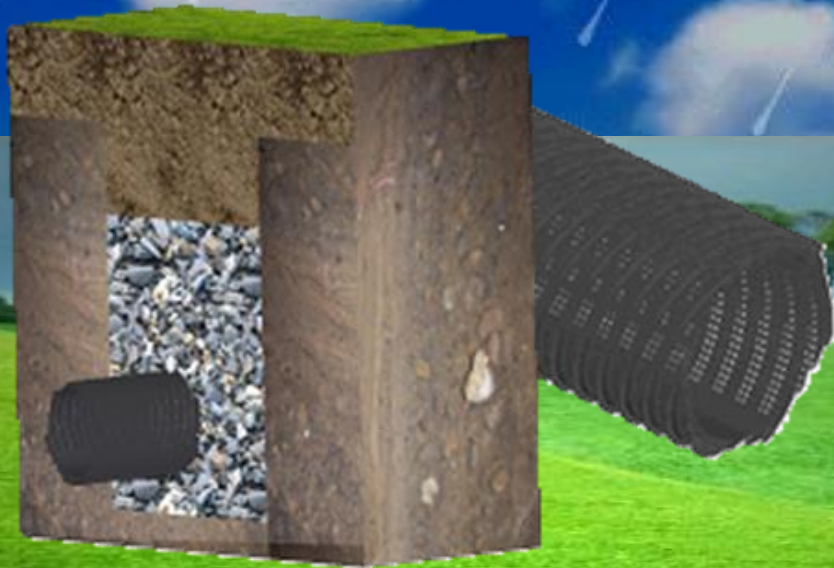
- Removes excess water and lowers the water table.
- Improves the quality, firmness and durability of the turf, especially for field games during seasonal wet conditions.
- Quick drying of the soil extends possible playing time.
- Prevents erosion.
- Improves air movement in soils and longer growing seasons.
- Increases root development.
- Increases capillary moisture in dry weather.
- Improves drought resistance.
- Better soil structure.





# DMP - Drainage Mesh Pipe

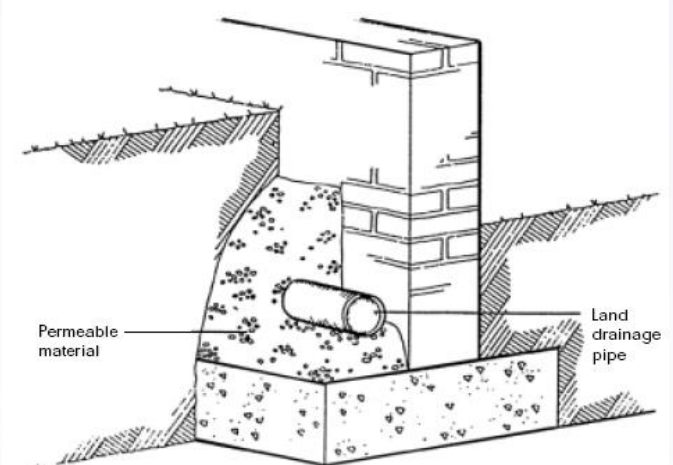
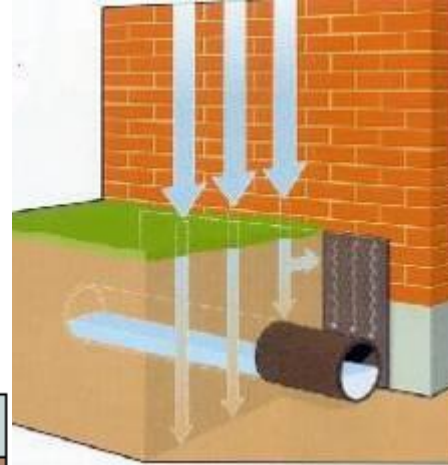
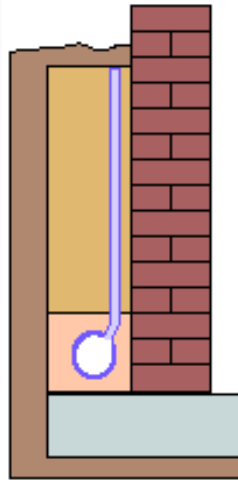
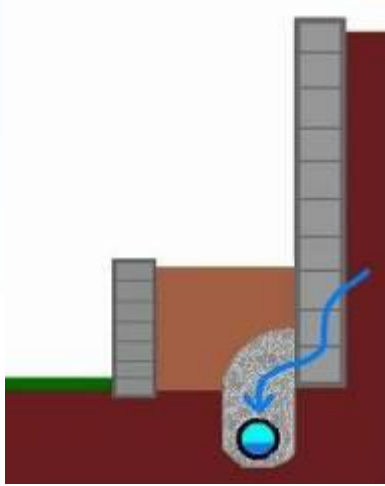
## Subsoil Drainage



Mesh drain pipe is an underground drainage pipe.  
The main function is to set the drainage.

# DMP -Drainage Mesh Pipe - Applications

## Retaining Wall Drainage



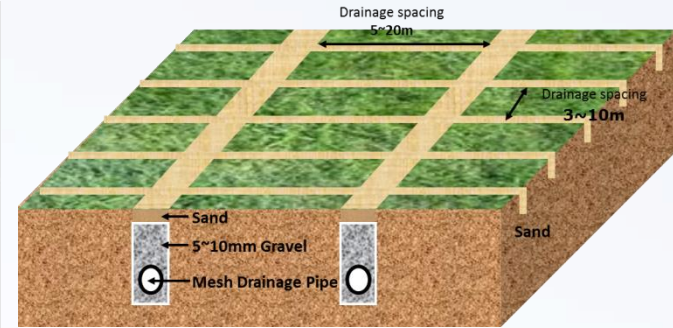
## Road & Paved Area Drainage



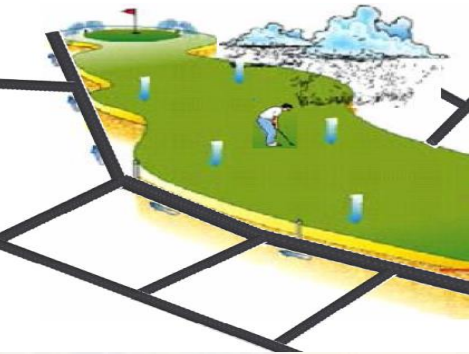


# DMP - Drainage Mesh Pipe - Applications

## Sport Field Drainage



## Golf Course Drainage

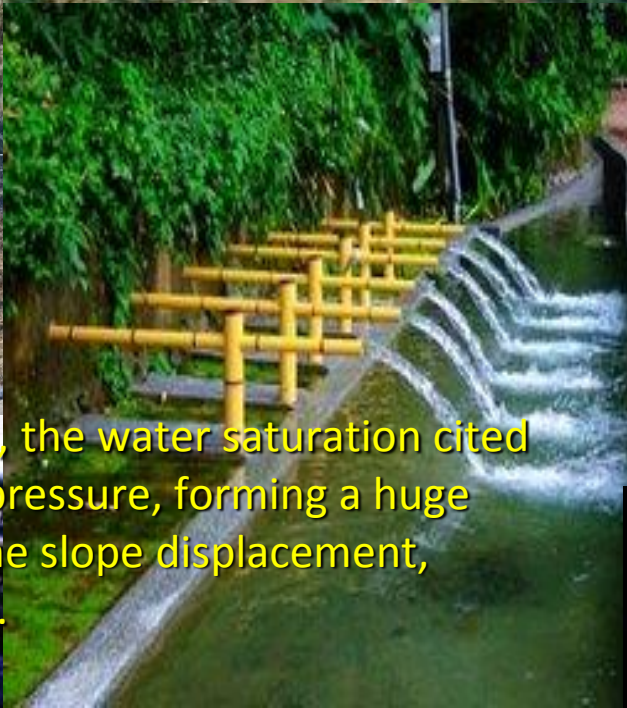
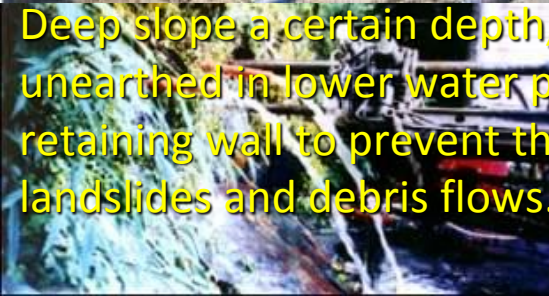
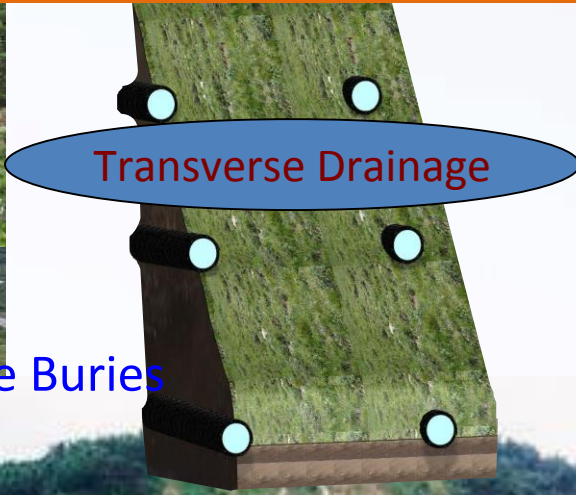


## Park & Open Area Drainage





# DMP - Drainage Mesh Pipe - Applications



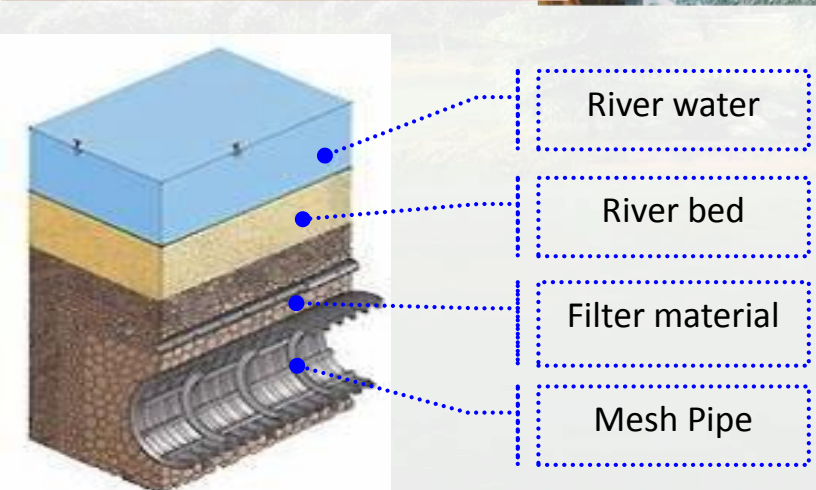


# DMP - Drainage Mesh Pipe - Applications

## Riverbank Filtration

This technique, called riverbank filtration, has been used in Europe for more than 50 years to improve the taste and smell of drinking water and to remove some hazardous pollutants such as industrial solvents. Mesh pipe passing river water through nearby sediment can produce other health benefits and may cut water treatment costs.

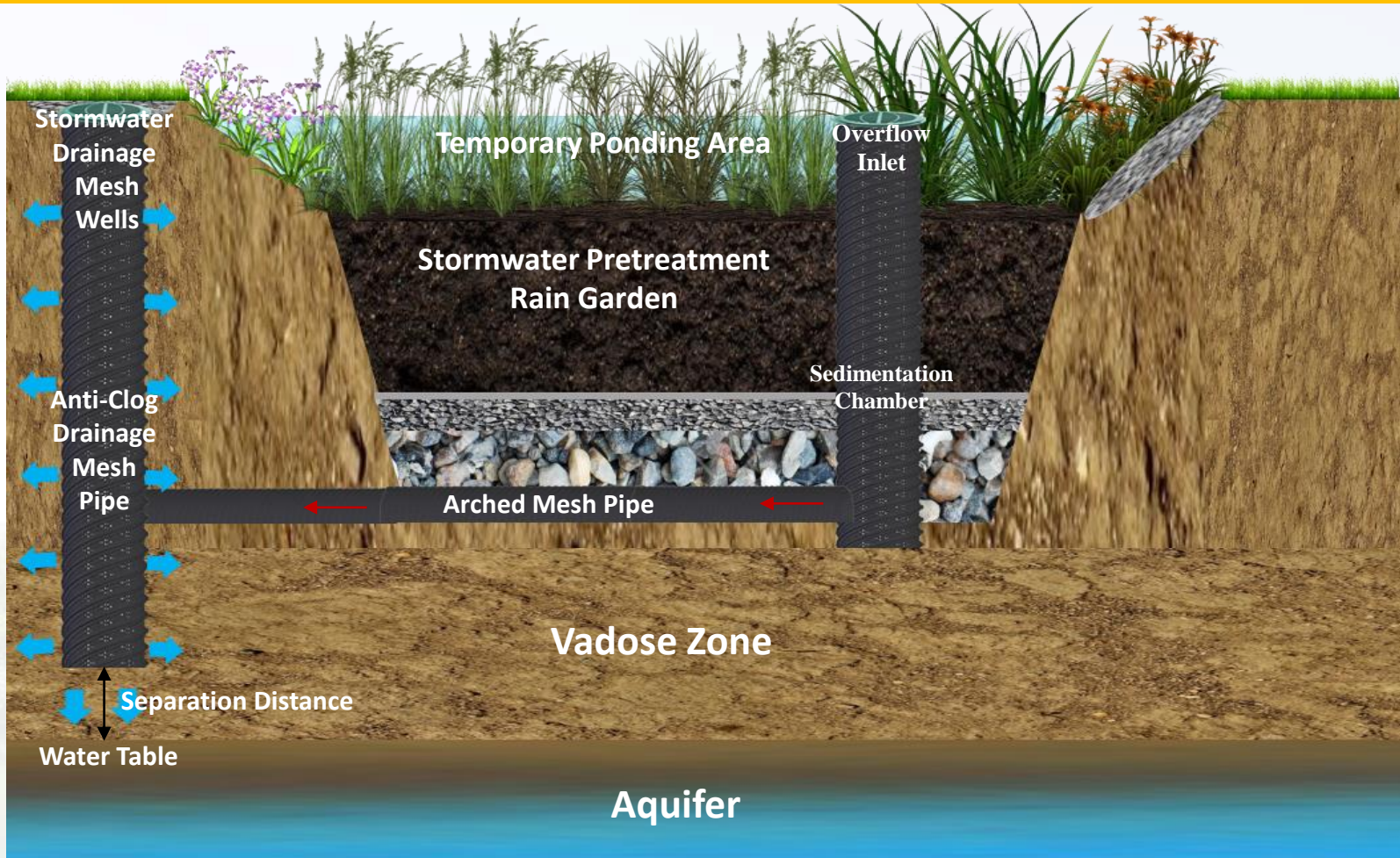
Riverbank filtration operates by extracting water from wells located near rivers (~20 to 200 m away).





# ASR-Aquifer Storage and Recovery

## Stormwater Drainage Mesh Wells System-Structure



### Stormwater Drainage Mesh Wells System-Structure

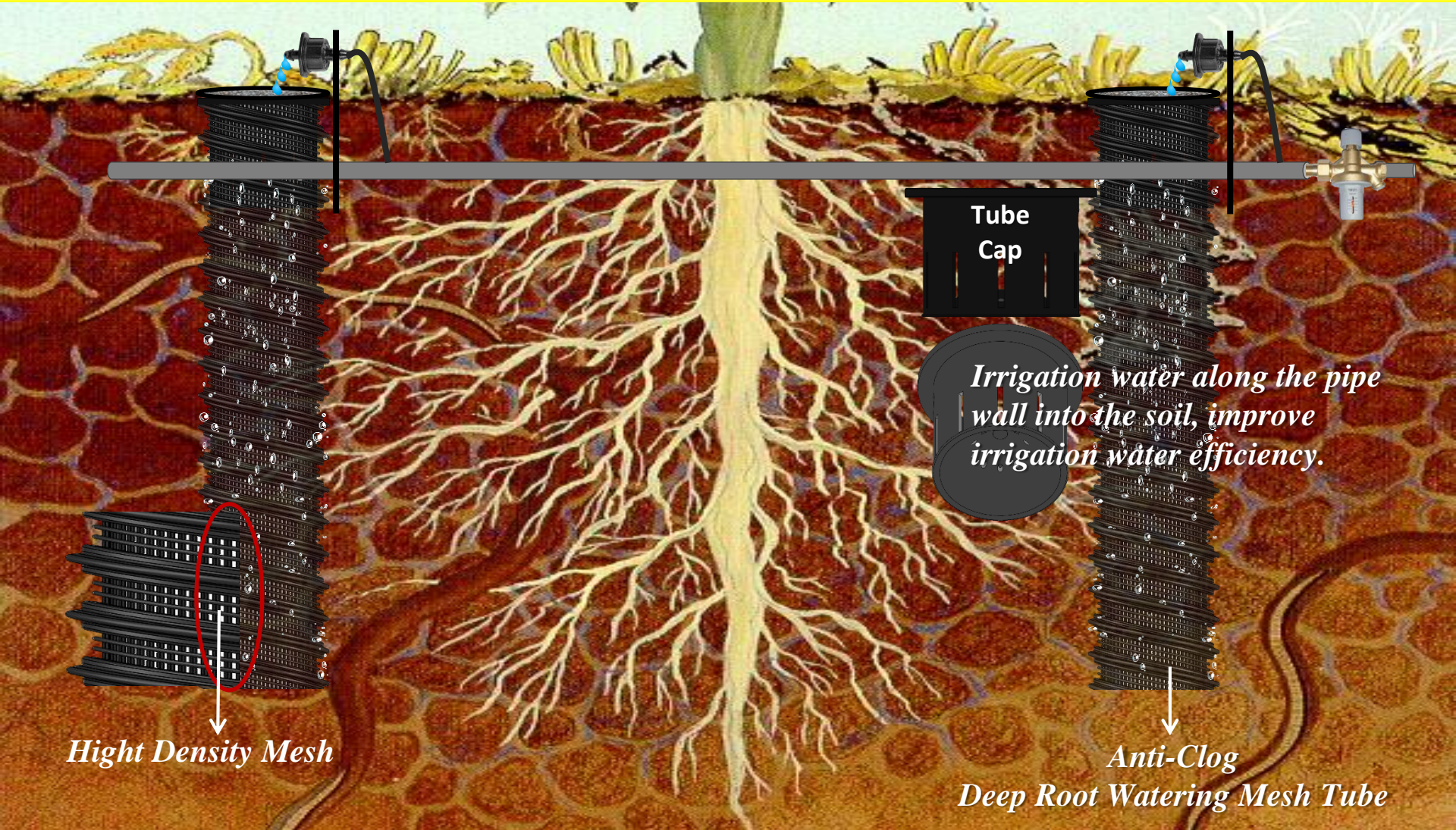
#### Contains:

- Stormwater Pretreatment filtration facilities: rain gardens, flood ponds, Curb opening and other filtration systems.
- Stormwater Drainage Mesh Wells (Anti-Clog Mesh pipe): Generally, the sand layer, rock layer and groundwater level information are obtained from geological drilling by 5~20m.
- Manhole Cover



# *Root Aeration & Deep Root Tree Watering Tubes*

## *Anti-Clog Deep Root Watering Mesh Tube (DRWT)*



*DRWT - Deep Root Watering Mesh Tube enables vital water, oxygen, and nutrients to bypass compacted Soil and directly reach tree and shrub root zones to improve tree and shrub investment protection, Watering efficiency and landscape aesthetics through deep root growth and tree development.*