



Upslope riser pipes provide pump access through an inclined pipe running up the side of a landfill site.

Made from heavy duty non-pressure PE 80, it comprises a horizontal perforated section which sits within a sump within the base of the landfill, a bend corresponding to the incline of the side of the landfill (typically 18.5°) and plain access pipe. A purpose-designed pump can be lowered down the pipe, around the bend to sit horizontally within the sump ensuring maximum drawdown is achieved.

The basal drainage system is normally connected into the upslope riser sump. Additional access pipes for inspection and cleaning can be installed.

The size of the upslope riser pipe is defined by the pump which will be installed but the typical size used is 500mm PN10.

## Applications

- Landfill leachate extraction systems

## Features

- Eliminates vertical pipes within landfill
- Made from heavy duty PE80
- Diameters up to 630mm
- Easy installation & maintenance of pumps
- Maximum drawdown of leachate

### Material Specification

Property	Standard	Unit	Value
Density	ISO 1183	g/cm	0.94
Melt Flow Index (190/5)	ISO 1133	g/10min	0.9
Tensile stress at yield	ISO 527	MPa	20
Elongation at yield	ISO 527	%	10
Elongation at break	ISO 527	%	Minimum 350
Impact strength (notched)	ISO 179	kJ/m <sup>2</sup>	12
Modules of elasticity	ISO 527	MPa	750