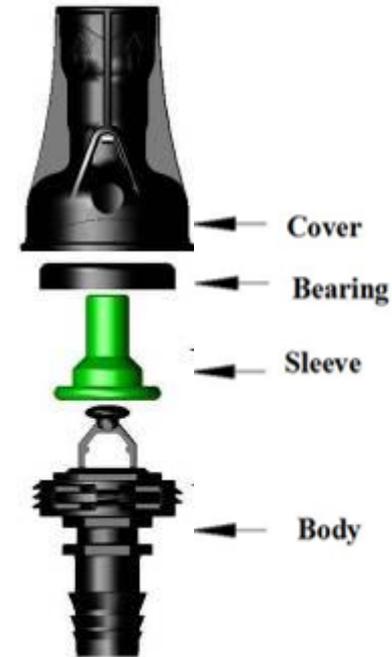


# Lateral LPD



# Lateral LPD

- Prevents drainage at low part of the plot
- Improves water distribution in the plot
- Reduces filling times
- Reduces 'water hammer' effect
- Reinforces CNL driplines on extreme slopes



# Lateral LPD - Technical Data

Operating Pressure (m)			
Dripline type	PC/Non PC	CNL Empty line	CNL Full line
Opening pressure	14 m	14 m	12 m
Closing pressure	8 m	6 m	6 m

Lateral Discharge (l/h)	Head Loss (m)
250	0.1
500	0.2
750	0.8
1000	1.1
1250	1.3
1500	2.6

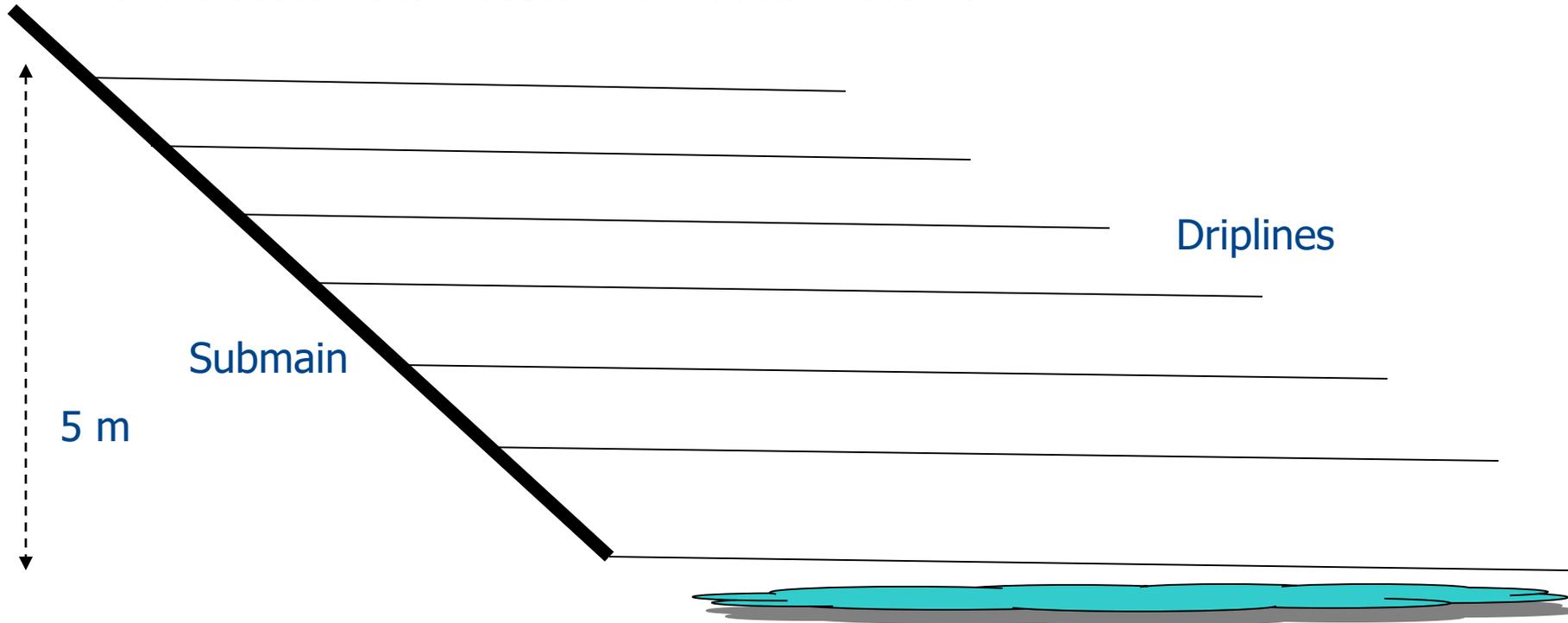


# Lateral LPD Connectors

<p>Barb 16 mm (for w.t 0.9-1.2mm, I.D 13.9mm)</p>		<p>Tape 17 mm(5/8") (for w.t 10-18mil I.D 15.4-16.2mm) black ring</p>			
<p>Barb 17 mm (for w.t 0.9-1.2mm, I.D 14.4/14.6mm)</p>		<p>Tape 17mm (5/8") (for w.t 25 mil, I.D 15.4-16.2mm) brown ring</p>			
<p>Barb 20 mm (for w.t 0.9-1.2mm, I.D 18.0mm)</p>		<p>Tape 17mm (5/8") (for w.t 35 mil, I.D 15.4-16.2mm) red ring</p>			
<p>Barb 20 mm (for w.t 0.9-1.2mm, I.D 18.0mm)</p>		<p>Tape connector 22mm (7/8") (for w.t 25 mil, I.D 20.8mm) with ring</p>			
<p>Thread NPT 1/2" male</p>		<p>Thread NPT 3/4" male</p>		<p>Hose Thread 3/4" USA Version</p>	

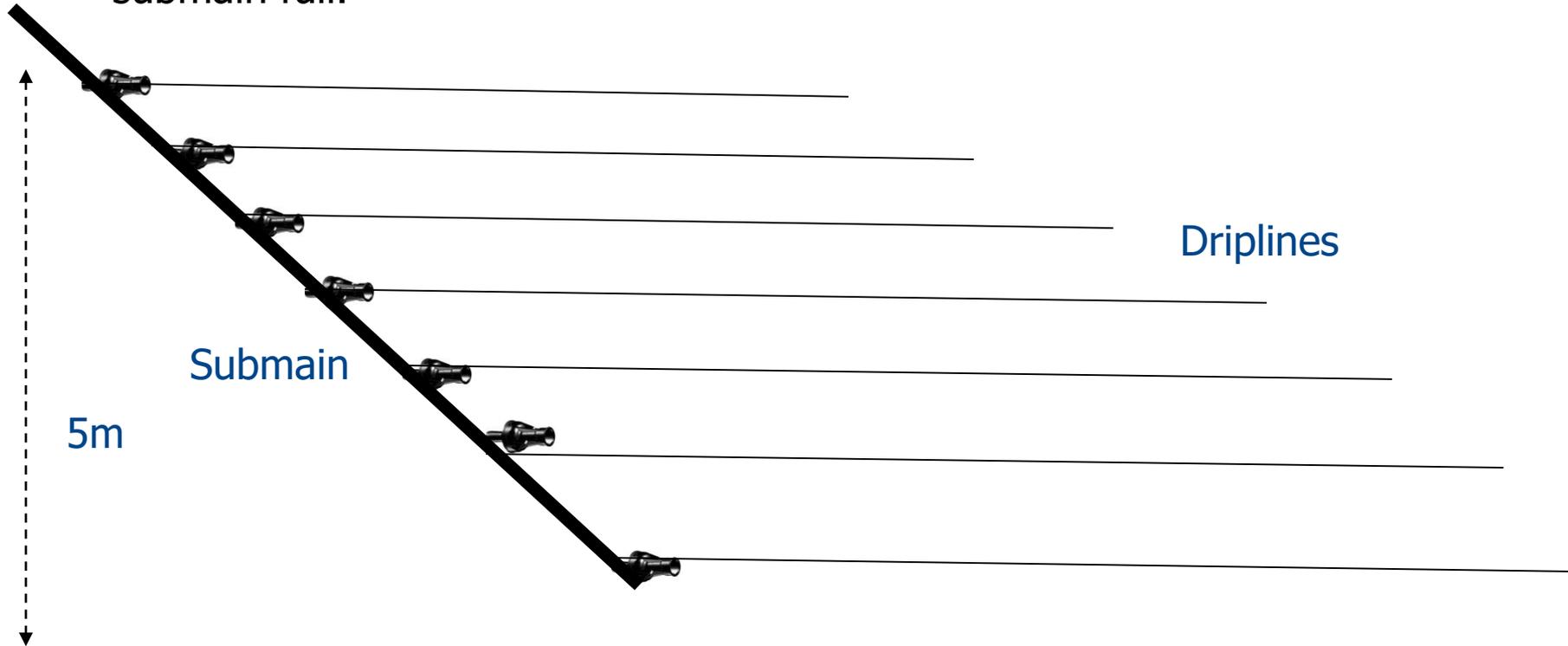
# Lateral LPD - Applications

After water shut down, the submain drains to the lowest part of the plot and creates water access in the bottom laterals.



# Lateral LPD - Installations

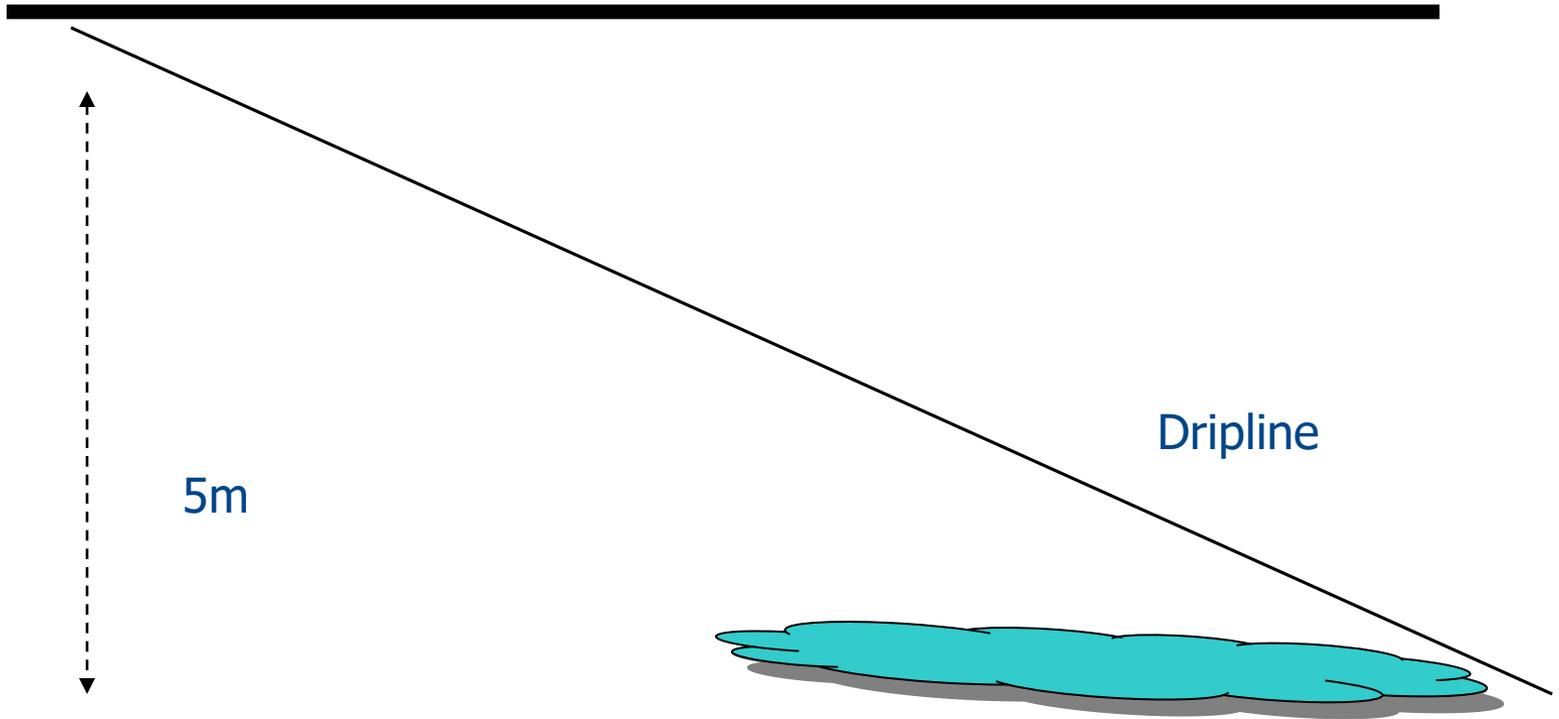
Placing Lateral LPD at the beginning of every dripline will keep the submain full.



# Lateral LPD - Installation Along the Lateral

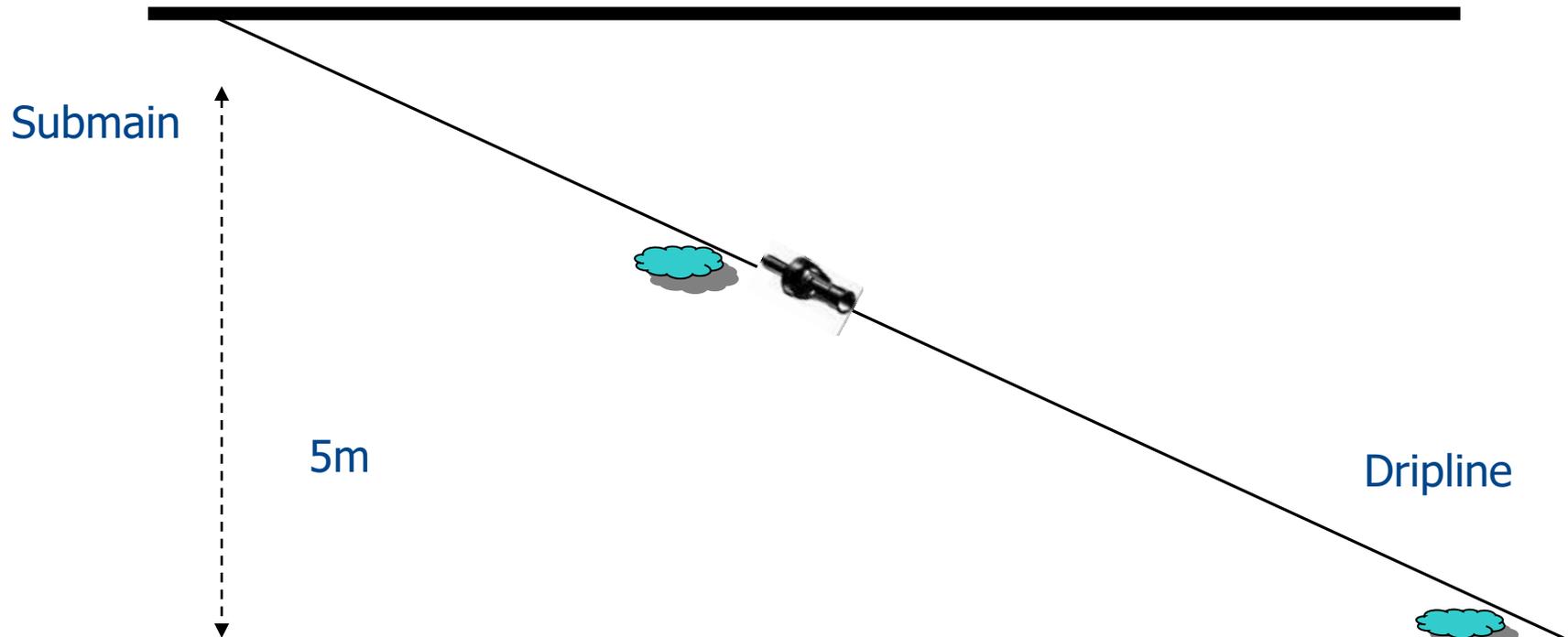
If dripline is on a slope, water drains to the lowest part and causes problems with water access and uniformity.

Submain



# Lateral LPD - Installation Along the Lateral

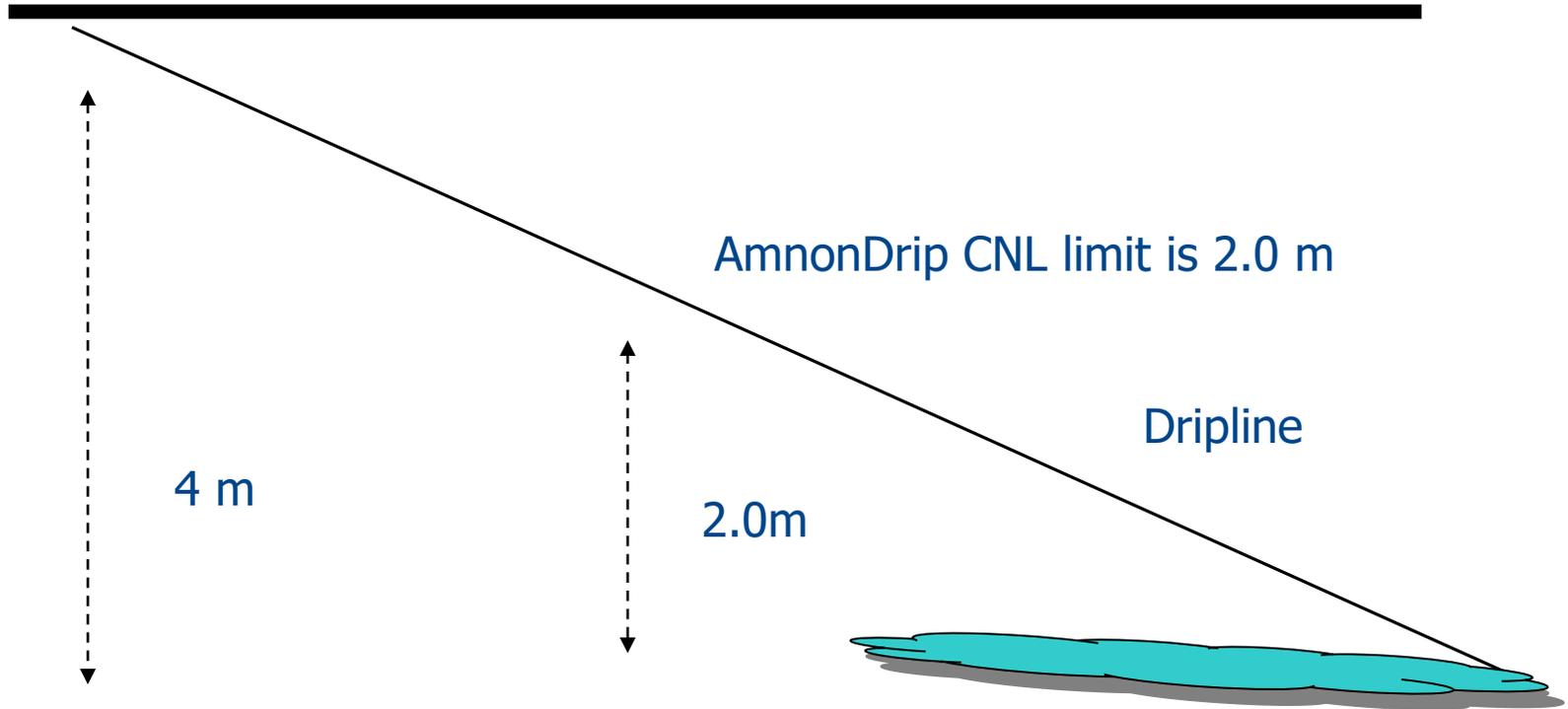
Placing Lateral LPD along the dripline will lessen the problem and improve uniformity along the dripline.



# Lateral LPD - Installations with CNL Driplines

When using a CNL dripline on a slope that exceeds the CNL closing pressure, the dripline will drain and the CNL effect will be lost.

Submain



# Lateral LPD - Installations with CNL Driplines

Placing Lateral LPD along the dripline will divide and reduce the pressure on the CNL, thus guaranteeing its efficient functioning and maintaining a full system.

