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- Reliably triggers at inflow rates <0.2 L/m
- Reliably resets at inflow rates >30 L/m











Flout

Single flout

Double flout

Low drawdown possible with larger dose volume

http://www.flout.net/rissyplastics2/

http://control.visionscape.com.au/page2 9091/Sales---Flout.aspx

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Low Pressure Effluent Distribution (LPED) Systems

Definitions (AS/NZS1547:2012)

LPED Irrigation

 Shallow subsurface irrigation of effluent into topsoil through low pressure effluent distribution (LPED) lines

LPED line

• A pressure line perforated with drilled squirt holes and nestled in a distribution line

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LPED Irrigation

- Suitable for both Primary (with outlet filter) and Secondary effluent
- On moderate to flat slopes up to 10-15%
- Distributed into shallow trenches 200mm wide by 200mm deep, excavated in good quality topsoil

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• Minimum 250mm topsoil depth required for application onto Category 5 or 6 soils



- Require dosed flow by siphon or Flout (low pressure) or pump (pressure) - <u>not gravity fed</u>
- Ensures even distribution along entire LPED trench; avoids spot loading of slotted pipe
- Facilitates hydraulic and nutrient uptake by transpiration and seepage
- Use sequencing valve to alternate loading of lines (pump only)



DIRs for LPED					
Soil Category	Soil texture	Structure	Drip and spray irrigation	LPED irrigation	
			DIR mm/day		
1	Gravel and sand		5	Not advised	
2	Sandy loam	All	5	4	
3	Loam	All	4	3.5	
4	Clay loam	All	3.5	3	
5	Light clay	All	3	2.5	
6	Medium to heavy clay		2	Not advised	
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