

Absorption area/
Exchanger


Water storage/Filter

Organic Matrix /
Settlement area

pH - Buffer area/
Acid Limiter

The Filter Media is a unique series of mediums that perform different functions in order to clean surface water runoff using the processes of filtration, adsorption, ion exchange, retention.

Many contaminants attach themselves to sediment particles. The smaller the particle, the higher its concentration. The filter-media retains these sediments by depth filtration, ensuring they are retained in the upper 5-10cm of the filter media. This significantly reduces the risk of surface clogging (Colmatage) and ponding, particularly in extreme events, something which some surface filtration systems, such as permeable paving are prone too.

Project: _____	
Title: _____	
System: Filter Media Indicative pond infiltration	
Project-No: 0000-00	Drawing-No: 0000-0
Project state:	Date: 2018-MM-DD
Scale: 1:50 @A4	Revision: 0
Drawn by: AT	Checked by: NRW
	

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