

Adoption Guidelines for Stormwater Biofiltration Systems

Agenda: Design and Construct One day Workshop and Technical Tour

Date: Thursday 11 May 2017

Location: Orange Agricultural Institute Training Centre

Address: 1447 Forest Road, Orange

Time	Session
8:30	Registration
8:45	Welcome, introduction and housekeeping
9:00	Overview and navigation of the Adoption Guidelines for Stormwater Biofiltration Systems
9:15	Why choose stormwater biofiltration? - Benefits - Business case
9:30	How does a biofilter function? - Components and their function - Context and scales
10:30	Morning Tea
10:45	Design Procedure - Conceptual through to detailed design
11:30	Key Design Elements - Common misconceptions - Additional design elements and their purpose
12:00	Key Construction and Establishment Elements - Critical stages and hold points
1:00	Light Lunch
1:30	Local Considerations
2:30	Technical tour –Biofiltration systems, the good, the bad and the ugly
4:30	Close



CENTRAL WEST COUNCILS
ENVIRONMENT
& WATERWAYS
A L L I A N C E



CRC for
Water Sensitive Cities





Splash Network

This one day course provides training to enable better design and construction of biofiltration systems. The course compliments the 'Adoption Guidelines for Stormwater Biofiltration Systems' developed by the Centre for Cooperative Research for Water Sensitive Cities (CRCWSC) and makes reference to other useful resources developed by Water by Design (now Healthy Land and Water).

By the end of this course participants will:

- ❖ Appreciate the science behind why and how biofiltration systems work.
- ❖ Understand how to apply urban design principles for biofiltration systems.
- ❖ Be familiar with the design method for biofiltration systems detailed in 'Adoption Guidelines for Stormwater Biofiltration Systems'
- ❖ Identify common design and construction issues associated with biofiltration systems

Presenters:

This course will be presented by Sydney Water's Water Sensitive Urban Designer Emma James formerly of E2 Design Lab.



Emma has worked in the field of Water Sensitive Urban Design for more than 10 years, working with leading practitioners in WSUD. Emma has extensive experience in catchment assessment and the development of urban water management strategies at all scales - from on-lot residential solutions to streetscape, subdivision, industrial precinct, public domain and catchment scale strategies. Emma has experience in strategy, planning, design, construction and maintenance of WSUD infrastructure. Emma aspires to create beautiful, liveable urban areas through best practice water management.

Who should attend?

Practitioners seeking a working understanding of biofiltration system processes, construction and design, including engineers, landscape architects, ecologists, planners and environmental scientists.

Hosted by:

This workshop is hosted by the Central West Environment and Waterways Alliance.