

	Todays activities
TIME	SESSION
10 am	Welcome and introductions
10:30 am	Why is stormwater management important?
11:05 am	Water Sensitive Urban Design 101
11:45 am MINI BRE	AK (15 mins)
12pm	Overview of planning requirements and framework
	Planning requirements #1 - townhouses
1:15 pm LUNCH (30	mins)
1:45 pm	Tools and resources
	Planning requirements #2 - commercial/industrial
	Pre- application discussion
3:00 pm	Wrap up
3:30 pm	Close





















































































Planning Control Framework

State Planning Policies

- Clause 14.02-01S (Catchment Management and Planning)
- Clause 14.02-2S (Water Quality)
- Clause 19.03-3S (Integrated Water Management)

Local Planning Policies

Particular Provisions

- Clause 55.03-4 (Rescode) Standard B9
- Clause 55.07-5 (Rescode Apartment Buildings) -StandardB39
- Clause 56.07-4 (Residential Subdivision) Standard C24
- Clause 58.03-8 (Apartment Developments) Standard D13
- Clause 53.18 (Stormwater Management in Urban Development) -Standards W1, W2, W3

Local Planning Policies - summary

- Pre-date Amendment VC154 and introductionof State-level stormwaterrequirements
 - Usually apply to wider range of applicationtypes (single dwellings and extensions>50m2
- May have specific application requirementsand policy guidance
- Sunset clause continue to have effect where there are no particular provisions in place (ieg dwellings and extensions)



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	Local Planning Policies
Local Stormwater Policy	Local ESD Policy (with Stormwater regs)
Bayside	Greater Bendigo
Casev	Greater Dandenong Hobsons Bay
Monash	Whittlesea
Melbourne	Wyndham
Yarra	Whitehorse
Moonee Valley	Manningham
Port Phillip	Moreland
Stonnington	Darebin
Hume	Banyule
Campaspe	Knox
Bass Coast	Brimbank
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			Particular Provisions	
	Townhouse/units	Apartment buildings	Subdivisions– residential, commercial, industrial	Commercial/industri al development >50m2 Public land
Treatment ofstormwater to BPEM objectives	55.03-4B9	55.07-5B39 58.03-8D13	56.07-4C25 53.18W1	53.18-2W2
Contribute tourban cooling, hábitatand amenity	55.03-4B9		56.07-4 C25 53.18 W 1	53.18-2W2
Rainwater tanks (laundry/toilet)		55.07-5B39 58.03-8D13		
Connect to dual pipe recycled watersupply		55.07-5B39 58.03-8D13	56.07-2 C23	
Prevent chemicals/toxicantsfrom entering stormwater system				53.18-3W3
Site managementduring construction	Clause 65 (Decision guidelines)	Clause 65 (Decision guidelines)	56.08-1 C26 53.18-3 W 3	53.18-3W3
Maximise infiltrationof stormwater into treepits and permeableareas		55.07-5B39 58.03-8D13		



"The Stormwater management system should be designed to meet the current <u>best practice</u> <u>performance objectives for</u> <u>stormwater quality as contained in</u> the Urban Stormwater - Best Practice EnvironmentalManagement Guidelines (Victorian Stormwater Committee, 1999)."



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What do I need tosee? - Model file (.sqz) - Stormwater Strategy (or similar) including: - Model schematic - Summary of results - Details of size and locationofinternal catchments (what's beingtreated) - Details size and location of treatment assets (what's doing thetreatment) - Model parameters 16















"The stormwater management system should be designed to contribute to cooling, improving local habitat and providing attractive and enjoyable spaces"



















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Training and information sessions

• 20 information sessions have been delivered statewide to an audience of over 900 people

Resources

- · DELWP checklists and guidance
- Online Navigator Tool Resource Portal
- Online training modules

Developed in partnership between DELWP and Clearwater

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Relevant planning clauses and guidance material

Outlines stormwater and site management VPP clauses that apply to your development.

Provides resources to support development of stormwater report:

- · Site layout plan, catchment areas and WSUD treatments
- Modelling to demonstrate compliance
- Functional design consideration
- Site management plan
- · Asset maintenance program

DELWP development checklists and example developments

Print PDF summary of requirements and resources







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		Suggested components for Applicants
Item 1:	Drainage and WSUD	What is the best strategy to manage drainage and improve stormwater quality for the site?
	Summary Report	Are the best practice standards achieved?
Item 2:	Site Layout Plan	Are the drainage and WSUD layout shown on planning drawings?
Item 3:	Design and engineering calculations	What are the engineering details of proposed WSUD treatment system
Item 4:	Site Management Plan	How will construction be managed so that stormwater is protected?
		10
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