



STORMWATER VICTORIA INDUSTRY FORUM:

CURRENT REVIEW OF STATEWIDE STORMWATER POLICY

THEORY INTO PRACTICE
CERTAIN UNCERTAINTY
PRESENTED BY
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ALDE/Reeds Consulting Pty Ltd



THE ASSOCIATION OF LAND DEVELOPMENT ENGINEERS (ALDE) WAS CREATED 23 YEARS AGO TO ADVOCATE ON BEHALF OF THE MEMBER COMPANIES INITIALLY WITH SECV AND MMBW AND PROVIDE A NETWORKING FORUM.



THE PROCESS

- **PLANNING PERMIT**
- **STATEMENT OF COMPLIANCE**

OUR MEMBERS INVESTIGATE, BRAINSTORM, PRELIMINARY DESIGN

STORMWATER EXPERTS PREPARE STORMWATER DRAINAGE STRATEGY

PLANNING PERMIT ISSUED TICK

THE DESIGN TEAM COMPLETES AN ENORMOUS AMOUNT OF HARD WORK TO ADDRESS THE PLANNING PERMIT REQUIREMENTS UTILISING **THE STANDARDS RULES AND REGULATIONS.**

COUNCIL APPROVAL – SMALL TICK



THE PROCESS

OUR MEMBERS ARRANGE FOR THE PROJECT TO BE TENDERED AND THEN CONSTRUCTED.

CONSTRUCTION IS COMPLETED

RED TAPE AND EVENTUALLY THE STATEMENT OF COMPLIANCE IS ISSUED
BIG TICK

IT SOUNDS SO EASY. IT IS NOT.

ANY CHANGES FOLLOWING THE REVIEWS WILL CAUSE ISSUES.

**IT IS CRITICAL THAT ANY CHANGE IS MANAGED APPROPRIATELY AND
PHASED IN OVER A REASONABLE TIME.....**

CERTAIN UNCERTAINTY

THE QUESTIONS



**WE ARE HERE TODAY TO CONSIDER THE IMPLICATIONS FOR
STORMWATER AS A RESULT OF;**

- **STATE ENVIRONMENT PROTECTION POLICY (SEPP) REVIEW**
- **VICTORIAN PLANNING PROVISIONS (VPP) REVIEW**
- **URBAN STORMWATER BEST PRACTICE ENVIRONMENTAL MANAGEMENT
GUIDELINES (BPEM) REVIEW**
- **60 HECTARE RULE REVIEW**

AND ASK THE QUESTIONS;

WHAT STANDARD OF STORMWATER TREATMENT IS MOST APPROPRIATE?

WHERE AND WHEN (HOW WIDELY) SHOULD SUCH A STANDARD APPLY?

**HOW SHOULD SUCH A STANDARD BE APPLIED – WHAT ARE THE ROLES
AND RESPONSIBILITIES?**



ISSUES

STANDARDS ARE LIKELY TO INCREASE.

**BROAD HECTARE, GREEN FIELD LAND DEVELOPMENT
URBAN RENEWAL, BROWN FIELD LAND DEVELOPMENT**

- **COLLECT;**
- **REUSE;**
- **TREAT;**
- **RETARD;**
- **DISCHARGE OR OUTFALL**

**OUR MEMBERS DON'T MAKE THE RULES. THEY UTILISE THE RULES AND
INFORMATION PROVIDED TO THEM TO PROVIDE LAND DEVELOPMENT
SOLUTIONS.**

CERTAIN UNCERTAINTY

.... the starting point

MELBOURNE WATER DEVELOPMENT SERVICES SCHEMES
PRECINCT STRUCTURE PLANS (PSP)



SPACE PROVIDED FOR A TREATMENT TRAIN IS TOO SMALL MORE DESIGN
WORK AT THE PSP STAGE TO ENSURE THAT BEST PRACTICE IS ACHIEVED.

.... global warming

IT DOESN'T RAIN AS MUCH BUT WHEN IT DOES IT IS MORE INTENSE
EFFECT ON WETLANDS AND TREATMENT TRAINS

.... alternative solutions

ACCEPTANCE OF PROPRIETARY TREATMENT TRAINS ARE CRITICAL
OFFSETS COME INTO PLAY

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The questions



WHAT STANDARD OF STORMWATER TREATMENT IS MOST APPROPRIATE?

WE HAVE A RESPONSIBILITY TO PROVIDE THE BEST WE CAN

WHERE IS CENTRALISE TREATMENT MOST EFFECTIVE ?

WHERE IS DECENTRALISED TREATMENT MOST EFFECTIVE?

The questions



WHERE AND WHEN (HOW WIDELY) SHOULD SUCH A STANDARD APPLY?

THE SAME STANDARD ACROSS THE WHOLE OF THE COMMUNITY

The questions



HOW SHOULD SUCH A STANDARD BE APPLIED – WHAT ARE THE ROLES AND RESPONSIBILITIES?

SAME STANDARD ACROSS THE WHOLE OF THE COMMUNITY

INTERGRATED WATER MANAGEMENT

IWM NEEDS A CHAMPION

**STORMWATER
PROTECT THE RECEIVING WATERWAY
PROTECT THE BAY**

The end



CERTAIN UNCERTAINTY

**CHANGE MUST PHASED IN OVER AN APPROPRIATE TIME
FRAME**

IWM NEEDS A CHAMPION