

UDIA JUDGES AWARD BRIEFING TO INDUSTRY

Water Sensitive Urban Design Category

Tom Houghton

Land Planning & Policy Manager, DSB



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The Judges:

- *Tom Houghton – Land Planning & Policy Manager.*
- *Peter Howard – Land Planning Co ordinator.*
- *John Brennan – Water Demand Planner.*

Background:

- *The Corporation WSUD Award contested since 2003.*
- *This category is sponsored by the Water Corporation to recognise excellence in Water Sensitive Urban Design (WSUD).*
- *This award will recognise projects that not only address the two main drivers affecting the Corporations business but also positively influence environmental and community outcomes.*

Success Stories:

- *2005: The Rivergum Estate (Cedar Woods)*
 - *Waterwise gardens and Stormwater Management*
 - *Community education*
- *2006: Beachridge Estate (Ardross):*
 - *Volumetric reduction*
 - *Native plant use*
- *2007: Brighton Estate, (Satterley):*
 - *Volumetric reduction (third pipe)*
 - *Community involvement*



So what are the criteria for
success???



Judging Criteria for WSUD:

- Volumetric Consumption (30%)
- Peak Flow Reduction (20%)

The Criteria:

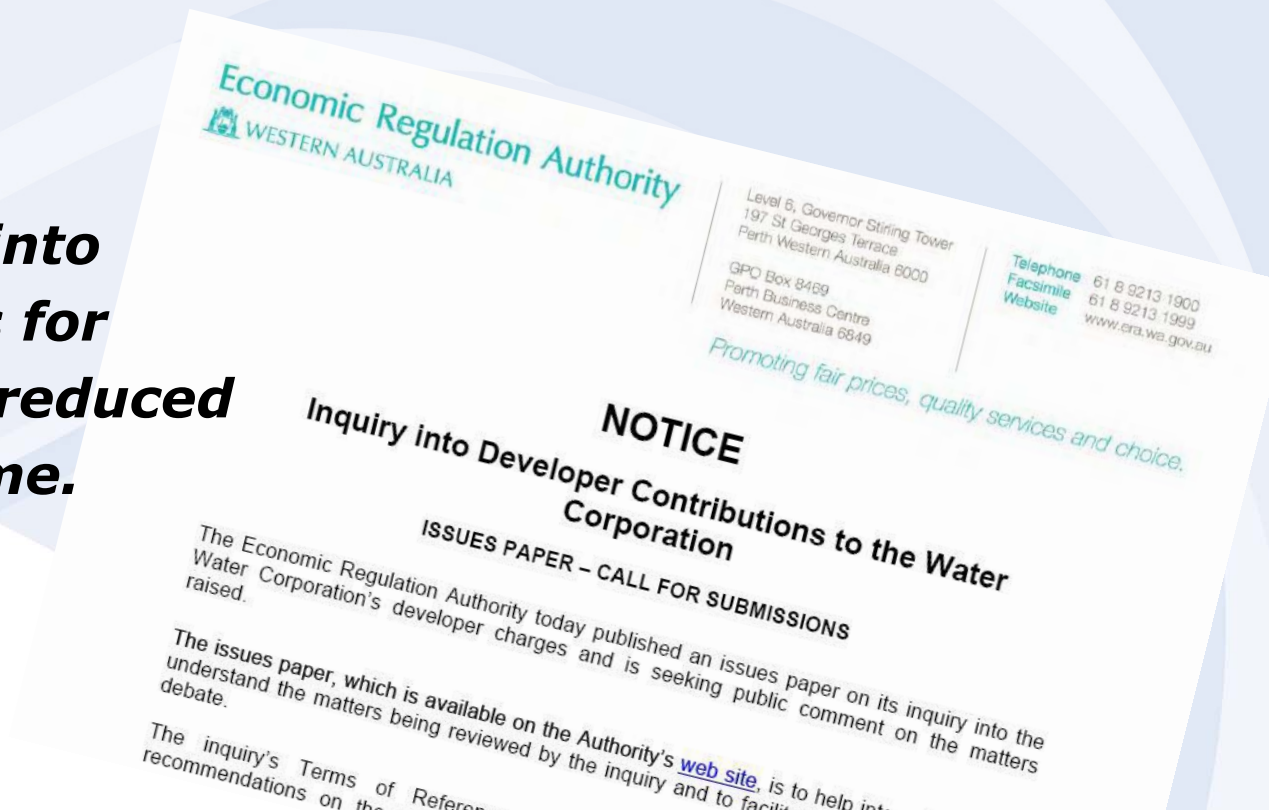
| Criteria | Description | Weighting % |
|---------------------------------|---|-------------|
| Volumetric Consumption | Initiatives that are implemented to minimise the quantity of scheme water provided by the Corporation to the development. For example this may include a community bore, rainwater tanks, etc.. | 30 |
| Peak Flow Reduction. | Techniques used to “smooth out” or otherwise reduce the peak supply loads placed on the Corporation’s scheme. This may involve the strategic location of non-like users, limiting flows during peak times, etc.. | 20 |
| Sustainable practices. | How the development is “hard wired” for efficiencies into the future. This would be demonstrated in the robustness of the systems put in place, proposed maintenance practices, etc. | 15 |
| Community Involvement | The extent to which an integrated community approach is employed to achieve the key outcomes listed. For example, involving schools, community groups, etc. in managing water demand. | 15 |
| Efficient use and re-use | Actions taken to ensure a “fit-for-purpose” water use regimes with multiple uses of water where possible. Sewer mining (if possible) may fit this description. | 10 |
| Environmental Care. | Strategies employed that will protect and enhance natural water systems within the development. This could be demonstrated by vegetated swales, recharge of groundwater, detain rather than convey etc. aim to reduce peaks | 10 |
| | TOTAL | 100 |

Reducing Peak Flow - WSUD

Submission to the Economic Regulation Authority's Inquiry into Developer Contributions by:

- The Water Corporation
- The Dept for Planning & Infrastructure
- UDIA

Called for a review into headwork's charges for developments with reduced impact on the scheme.



Judging Criteria for WSUD:

- Volumetric Consumption (30%)
- Peak Flow Reduction (20%)
- Sustainable Practices (15%)
- Community Involvement (15%)
- Efficient Use & Re-use (10%)
- Environmental Care (10%)

Reducing Peak Flow - WSUD

WSUD called for by both the UDIA and WC.

The Corporation proposes developing a system to allow WSUD to be appropriately reflected in developer contributions, and encourages the ERA to consider this evolving State issue as part of the developer contribution inquiry. In doing so, a number of issues are raised which may require consideration:

- Whether developer charges are an appropriate mechanism for encouraging water sensitive design and if so, in what circumstances? In some situations it may be more appropriate that regulation or a rebate scheme is a better mechanism.
- On what basis should the reduction be calculated?
- If it is considered that altering developer charges to encourage WSUD is appropriate, should the SHC be sufficiently large in order to be able to provide savings significant enough to encourage such initiatives?
- To what extent should externalities be factored into any change to the SHC? These may be either positive or negative externalities – for example, environmental benefits or changes in public amenity.

Submission Requirements:

- ***A targeted submission that addresses the criteria directly and methodically.***
- ***Tangible, assessable and quantifiable data.***
- ***The ABC's of presentation & explanation.***

*Quality of Coffee & Cookies at
inspection!!*

Summary:

- *The Corporation is looking for concise targeted submissions that address the criteria.*
- *Items over and above the criteria specified will be considered if proven meritorious.*

Good Luck!

Questions?

For more information visit:

<http://www.udiawa.com.au>

Or: Contact Development Service Branch
directly at:

(08) 9420 2099

And ask for one of the Judges.

