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Management Committee
Ravensthorpe Entertainment Centre
c/o Matthew Hunt
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Dear Management Committee

The Entertainment Centre is a wonderful facility for sport and recreation. Over time it has developed into a 1st class facility. However there are a number of features of this facility that are second class. One such feature I wish to bring up is its water management.

It has puzzled myself and many others why this centre does not harvest the rainwater that falls across its massive roof. Budgetary issues may have been used as a reason for this when the centre was constructed, but times have changed, technology improved and water holding tanks are getting cheaper and more efficient.

With a roof surface area of approximately 2482m² (36.5 m by 68 m), the Entertainment Centre has the potential to harvest approx 1055ML of water over a 425mm average rainfall during the year. Maximum storage capacity would not need to hold all of this as rainfall events are erratic across the year. An overflow valve could be built into the storage system to dispose of excess water in heavy rainfall events, via existing pipes, as is done now.

Water harvested from the Entertainment centre could be used for a variety of functions, namely:

- Drinking water for sports participants, 24/7 all year round via external taps to the centre.
- Cleaning water for sports gear
- Cleaning water to wash pets that owners exercise in the area
- Water features for sports or community events on the oval i.e. slides, fountains
- Water for shire works teams i.e. spray jobs
- Water for oval grounds keeping should waste water not be available

- Water for trees and shrubs and landscaping works around the centre
- Emergency water for centre fire response and bushfires

With the Ravensthorpe townsite using expensive trucked water from both Hopetoun and Esperance over the last year, the need for the local community to be more water efficient is paramount. What a better way to demonstrate this to the community than at this centre.

I'm sure with shire support funding sources could be found, i.e. waterwise, sport and rec, state and federal grants, and the water harvesting potential of the centre could be tapped for local benefit. From canvassing locals on this issue over the last month, community support for this is high. The hockey shelter as well could have its own rainwater tank installed.

In summary I ask the management committee to put on their thinking caps and consider the planning of rainwater storage facilities at the Entertainment Centre as a priority action over the next 12 months.

Should you have any questions please don't hesitate to contact myself

Yours sincerely

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