

Green Star – Office Interiors v1.1

Innovation

Inn-3 Environmental Design Initiatives

Points Available	Points Claimed	CIR Submitted
5	1	N

Credit Criteria

Up to five Innovation points are awarded at the discretion of the Green Building Council of Australia (GBCA) where it is demonstrated that a design feature provides a significant environmental benefit but is not awarded points under the Green Star – Office Interiors rating tool criteria.

The application will be assessed by the GBCA against the following criteria:

- * What is the measurable environmental benefit of the innovation?
- * Which significant environmental benefits of the innovation have been addressed by Green Star – Office Interiors credits?

More than one innovation can be submitted but the maximum points available for any one building assessment under Inn-1, Inn-2 and Inn-3 is five (total).

Documents Provided

✓	Summary report explaining the greywater treatment unit and benefits it provides
✓	Schematic that demonstrates how the greywater treatment unit functions
✓	As-built drawing showing the greywater treatment unit
✓	Sub-contractor confirmation of installation of greywater treatment unit
✓	EcoPlus greywater treatment unit O&M manual

Discussion

- Documents are located to the left of this coversheet as a pdf package as the Greywater Treatment Unit O&M Manual is a protected document.
- In the GBCA tenancy, considerable risk was assumed in retrofitting the EcoPlus greywater treatment unit into our office. Barriers to approval of this system came from the building owner and the City of Sydney. Once installed and operational, the GBCA had to address a number of operational issues with the system that arose. Currently, the greywater unit is maintained on a regular schedule and performing quite satisfactorily. Greywater is used solely in the dual flush toilets located in male and female restrooms.
- The tank was sized to accommodate the amount of greywater the GBCA would produce daily from the hand wash basins, kitchen sink, and dishwashers. This equates to approximately 260 L of water. Total demand for non-potable water was estimated to be 378 L/day. Therefore, the GBCA provides 2/3 of non-potable water demand through treated greywater.