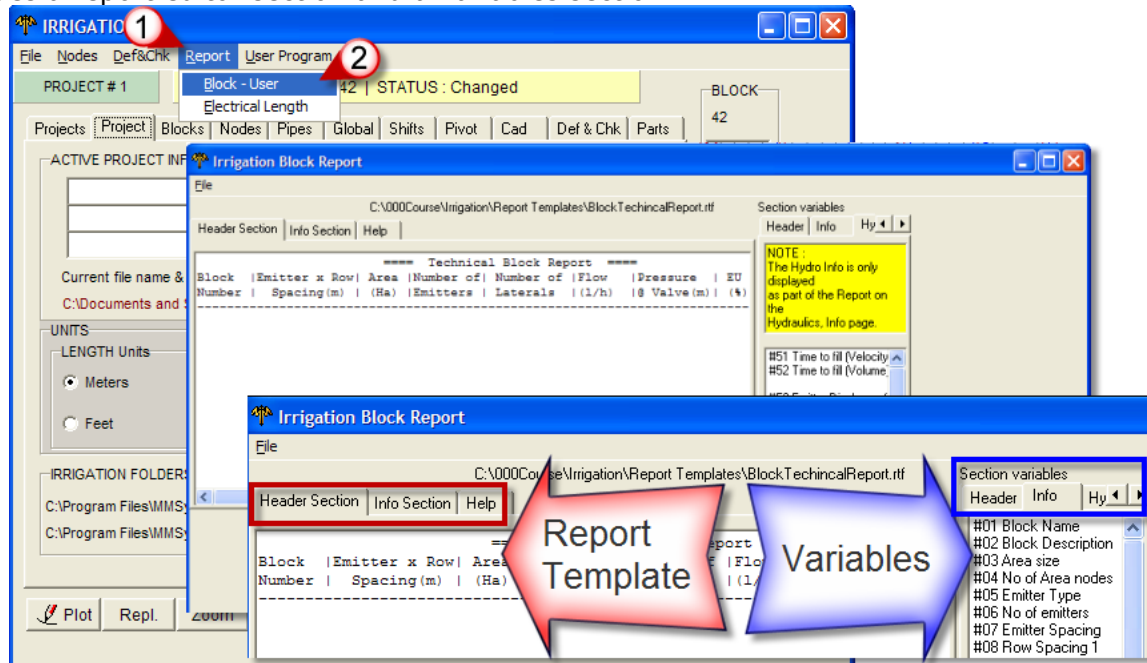


How to custom build your own irrigation reports

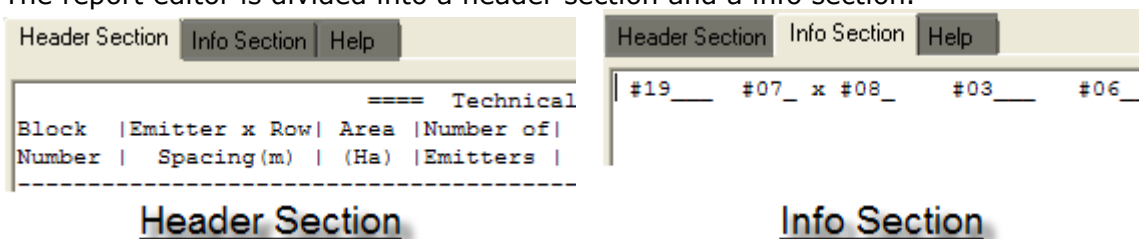
Have you ever felt the need to customize a standard Model Maker irrigation report? Not many people know about it but Model Maker provides the perfect tool to build custom reports.

The custom report feature is located in the main menu of the irrigation dialog and once opened, it provides a report editor section and a variables section.



The report editor section is used to define the content that will be printed in your report and the variables section is a list of variables that may be used to populate your report body with designed project information.

The report editor is divided into a header section and a info section.



The header section is static text that will be used to define the column headings of your report and will only appear once in the report. The info section defines the data to be printed inside the body of the report and may appear multiple times but each time for a different irrigation block with all data values related to each individual irrigation block. When you enter a variable, the

program will look at the design and populate the info section by replacing variables with actual designed data.

Using the Variables Section as reference, variables must be added starting with a hash character “#” and the corresponding variable number followed by an underscore character “_”. Use a “_” for each character to be reserved by the variable. For example to create a report that looks like this:

Date: 22/06/2009		Project: Soetfontein Prunes		
Block Nr		Area		Number Emitters

1		1.2ha		2023
2		1.1ha		1994
3		0.9ha		1872

Will be entered into the editor like this:

Header Section:

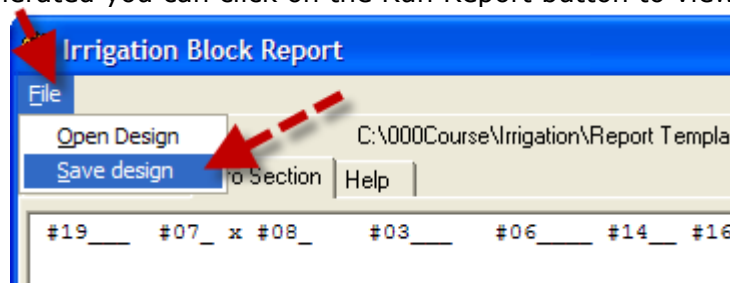
Date: #04_____ Project: #01_____
Block Nr | Area | Number Emitters

Info Section:

#19__ #03__ #06_____



Once the report is generated you can click on the Run Report button to view the report.



Finally click on File > Save Design and give the report a unique name for use at a later time using the Open Design option in the same menu.

Tip: If your report does not print your data in neat columns, it means that the default font of your report is incorrect. To solve the problem, simply close Model Maker and open the report you just saved in a rich text editor like MS Word or WordPad and change the font of all text in the document to the “Courier New” font type. Save the file by overwriting it and open in Model Maker. The report should now print correctly.

Free Resource: You can download a few readymade reports from my website and change them to suite your liking. If you like I can make your reports available so that other users can also benefit from them. Here is the link where you can download the report templates
<http://www.mmsdesign.co.za/maintainmms.htm>