

Reporting Tool Walkthrough.

The MIKE URBAN reporting tool can be used to make reports with various information relating to the MIKE URBAN model and results. In the example below, a report with information and results from pumping stations are generated.

It is accessed under the menu “Model Result” -> “Reporting Tool”

Under “Contents” you can set up all tables and results that you wish to display. The information will be displayed in the report in the order set up here.

Table/Results	Attribute	Column header	Details
msm_Pump	MUID	Pump ID	
msm_Node	MUID	Wetwell ID	
msm_Node	InvertLevel	InvertLevel	
msm_Node	GroundLevel	GroundLevel	
msm_Pump	StartLevel	StartLevel	
msm_Pump	StopLevel	StopLevel	
Wetwell Water Level (m)	Value	Wetwell Water Level (m)	Maximal value
Pump Discharge	Value	Pump Discharge (m3/s)	Maximal value

Below is shown how to add maximum water level and pump discharge.

Add results

File: Demo.PRF Load

Type: Node Water Level

As: Demo.PRF:Node Water Level

Column title: Wet Well Water Level (m)

Aggregation: Maximal value

☐ Critical value

>= 0

OK Cancel

Add results

File: Demo.PRF Load

Type: Pump Discharge

As: Demo.PRF:Pump Discharge (m3/s)

Column title: Pump Discharge (m3/s)

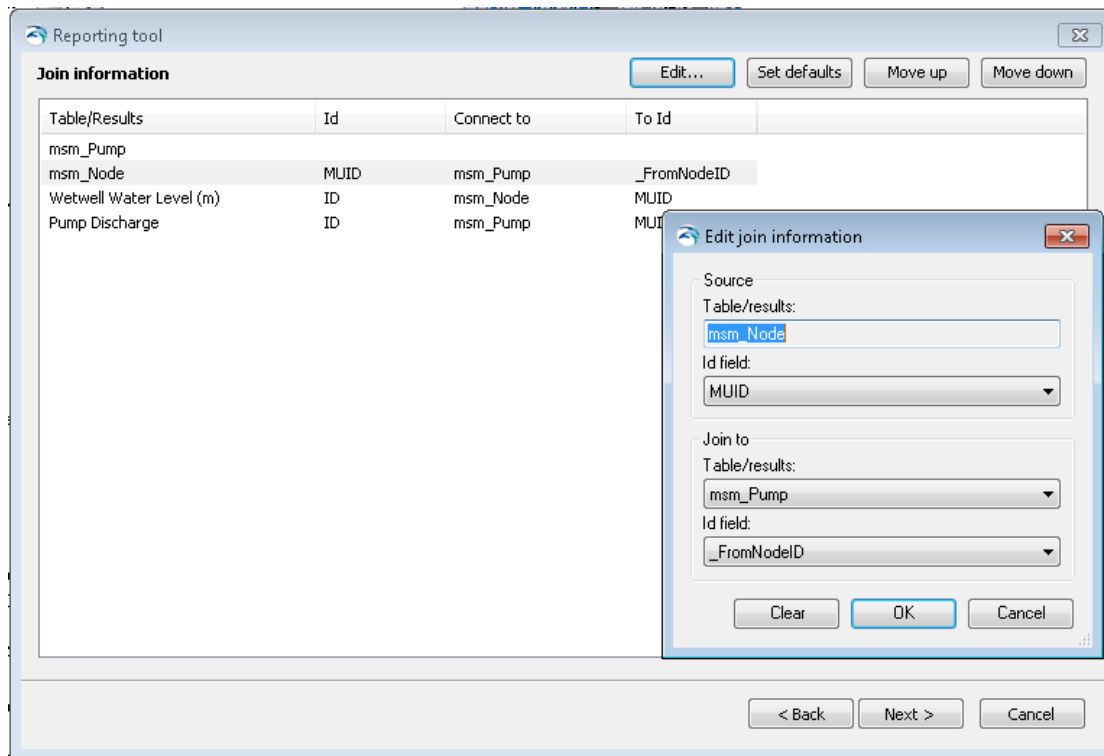
Aggregation: Maximal value

☐ Critical value

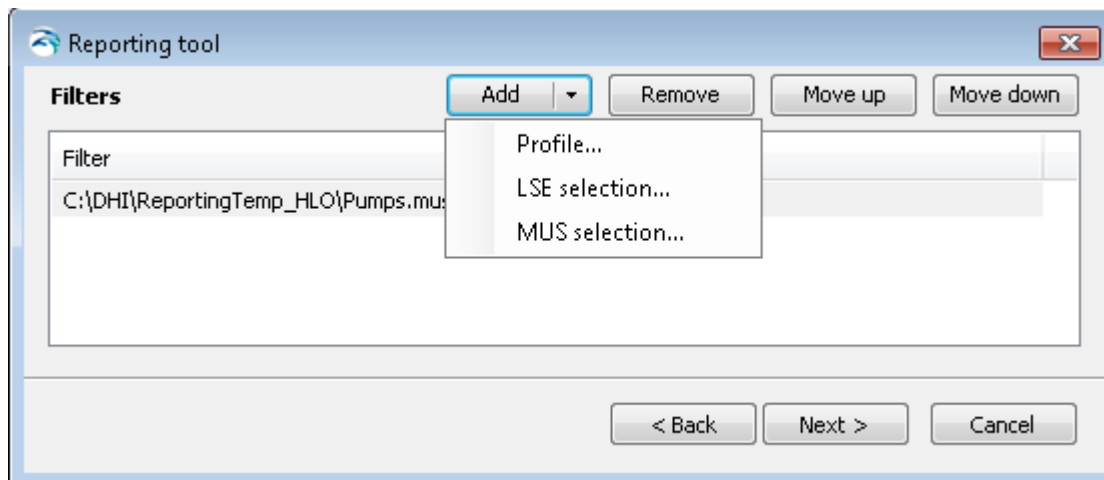
>= 0

OK Cancel

Under the “Join Information” the tables and results are joined together.



Under “Filters” it is decided what to display in the report. This can be specified as a profile or selection file.



The output style is specified:

Reporting tool

Output ☐ Split output

Path
C:\DHI\ReportingTemp_HLO\ResultsTableOutput.html

☒ Style

Style: ResultsTableHTML.xsl
ResultsTableCSV_DecimalComma.xsl
ResultsTableCSV_DecimalDot.xsl
ResultsTableHTML.xsl
<Browse...>

☒ Open output files when finished

< Back Next > Cancel

Finally the output file is generated. In this case a table containing Pumping Station information with maximum result water level and pump discharge has been generated.

Results Table

Project: C:\DHI\ReportingTemp_HLO\Demo.mdb

Date: Monday, September 19, 2016

Pump ID	Wetwell ID	InvertLevel [m]	GroundLevel [m]	StartLevel [m]	StopLevel [m]	Wet Well Water Level [m]	Pump Discharge [m ³ /s]
PS1_p1	PS1	-0.69	1.78	0.69	-0.19	0.690	0.0018
PS1_p2	PS1	-0.69	1.78	0.99	-0.19	0.690	0.0000
PS2_p1	PS2	6.85	15.18	7.45	6.95	7.454	0.0099
PS2_p2	PS2	6.85	15.18	8.35	6.95	7.454	0.0000
PS3_p1	PS3	-1.74	2.57	-1.09	-1.64	-1.089	0.0117
PS3_p2	PS3	-1.74	2.57	0.39	-1.64	-1.089	0.0000
PS4_p1	PS4	0.10	2.35	0.60	0.20	0.600	0.0201
PS4_p2	PS4	0.10	2.35	1.30	0.20	0.600	0.0000