



How to	View Water quality data in the Water Quality display
Description	Analyse water quality sample data in the Sample Viewer of Delft-DEWS
Comments	This is based on the wiki page: https://publicwiki.deltares.nl/display/FEWSDOC/18+Sample+Viewer
version	2016-01

- 📌 The sample viewer shows information about samples based on the selected locations in the Data Viewer. For the selected locations a list of samples is shown in the upper part of the sample viewer. In the lower part of the sample viewer the content of selected samples are shown.

Select samples: Below the table with samples, all values of the time series of the selected sample(s) are shown. Multiple samples can be selected at the same time, increasing the list of displayed data. The samples selection can be copied to the filters in the Data Viewer when choosing the "select time series" option

from the (right mouse) context menu (highlighted here with a red border). This also works the other way around: by selecting locations in the data viewer, the sample

The screenshot shows the 'Data Viewer' window. On the left, there are panels for 'Filters' (showing 'Water quality' selected), 'Locations' (listing '409005 - MURRAY R @ BARHAM', '425007 - Burtundy', and '414206 - MURRAY @ MERBEIN P/S'), and 'Parameters' (listing various water quality parameters). The main area displays a table of samples with columns: Time, Sample Id, Location Name, Date Report, X-co..., Y-co..., Method, and description. A context menu is open over the table, showing options: 'Select Time Series', 'Filter Tree...', and 'Export Time Series'. Below the table, there is a 'Samples 8' section showing a detailed view of the selected samples, including parameters like Turbidity, Dissolved Oxygen, Conductivity, pH, and Temperature.

viewer automatically only shows samples for those locations.

Filtering sample viewer: The sample table can be filtered via the option Filter Tree in the (right mouse) context menu (see red bordered insert). This opens a window where you can select values for columns for which the entire table will be filtered (see image below). Columns on which filtering is applied will be shown with a light blue background. Filtering also works by double clicking on a cell in the sample table. Just as filtering from the filter window, this can be applied to multiple cells.

Tijd	Monster Id	Location ...	Medewer...	Externe r...	Monster ...	X-coördi...	Y-coördi...	Projectco...	Medewer...	Bron
02-08-200...	20041	BUS017	GG_M110	GOESEN...	mp vegetati	138260	476840	VASTECOL	GG_M110	TABHUID
21-08-200...	2004385	ZAV111	GG_M110	GOESEN...	mp vegetati	141180	477110	VASTECOL	GG_M110	TABHUID
21-08-200...	2004387	ZAV113	GG_M110	GOESEN...	mp vegetati	141320	476970	VASTECOL	GG_M110	TABHUID
25-08-200...	2004492	ZAV118	GG_M110	GOESEN...	mp vegetati	141310	477310	VASTECOL	GG_M110	TABHUID

The screenshot shows the 'Filter' window on the left, which is a tree view of the data structure. It includes categories like 'Tijd', 'Monster Id', 'Location Name', 'Medewerker analyse', 'X-coördinaat van het monster', 'Y-coördinaat van het monster', and 'Medewerker monster'. The 'GG_M110' filter is selected. On the right, a table shows the filtered data. A context menu is open over the table, showing options: 'Selecteer tijdseries', 'Filter Boom...', and 'Exporteer Tijdseries'. The table has columns: Tijd, Monster Id, Location ..., Medewer..., and Externe r... The filtered data shows samples from 01-01-198... to 04-07-198... with Monster Ids 713, 714, 712, and 564.