

1D/2D modelling suite for integral water solutions

**SOBEK**

**Deltares systems**



Release Notes



# **SOBEK version 2.15.003**

## **Release Notes**

Version: 1  
Revision: 00

21 December 2016

### ***Improvements***

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SOBEK-50184	Add Windows 10 support to installer
SOBEK-49240	Incorporate FlexNet version v11.12 into SOBEK 2.15 (including better VPN support)
SOBEK-49810	Improve performance when using 2D map output by using buffers instead of individual single values to write map output
SOBEK-49956	Increase number of positions in WQINT pointer to prevent crashes in very large models
SOBEK-50320	Upgrade DELWAQ 5.05.00.6201*

### ***New Features***

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SOBEK-49508	Flap Gate as selectable property of Flow - Pipe
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### ***Resolved Issues***

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SOBEK-50266	Under special conditions it might happen that the dam breach erroneously did not grow in width*
SOBEK-50244	DELWAQ does not properly show progress in the SIMULATE progress bar
SOBEK-50234	Dam breach node: filling in trigger name is required when not using a trigger
SOBEK-50229	MODELEDIT: Error when saving Flow - Internal Culvert
SOBEK-49457	Pipe with Infiltration; Groundwater flow to trench formula provides incorrect results*
SOBEK-49450	Relative Time Controller resets incorrectly after start period*
SOBEK-49456	Flow - Pipe with Infiltration: Groundwater levels are lagging one computational time step behind*
SOBEK-49472	Flow - Pipe with Infiltration: Volume of water contained in the ground-layer of a Pipe erroneously flow into the Trench*
SOBEK-49478	Flow - Pipe with Infiltration and Lowest Option: Distribution of lateral flows to grid points not correct*
SOBEK-49473	Flow - Pipe with Infiltration and Nearest Option: Distribution of lateral flows to grid points not correct*
SOBEK-49502	1D/2D Clean Up Utility does not remove NODE-record after being changed into Boundary
SOBEK-49522	Run-time error '9': Subscript out of range when saving .his files using Calibration Data Editor
SOBEK-49567	Flow - Pipe with Infiltration: Improve iteration procedure for h_trench and calculation of Volume at T=0*
SOBEK-49538	Flow - Pipe with Infiltration: Improvement of Ground Water Handling*
SOBEK-49542	Flow - Pipe with Infiltration: Negative value for Trench bed level interpreted as a positive value
SOBEK-49562	3BLinks.his file with 3 output flow parameters only needed when routing links are present, otherwise 1 flow is sufficient
SOBEK-49581	Restart with Compound Structures incorrect. This can give differences during the first computational time-steps*
SOBEK-49658	Error message when using cross-section interpolation on branches without cross sections
SOBEK-49721	RR Balance error when using RR-connection nodes in large network*
SOBEK-49762	Storage graph on very large selections for "part of network" does not show all locations
SOBEK-50172	1D/2D Clean Up Utility: Remove old data for Dam Breaks and Internal Structures

SOBEK-50111	SIMULATE: Button for log results during simulation has not correct position in case of series mode
SOBEK-49812	Unexpected increase in simulation duration for RR-1DFLOW-RTC simulation on some machines
SOBEK-50030	PARSER does not always open input files in Read-Only mode
SOBEK-49850	Bui-file station names are cut off
SOBEK-49792	MODELEDIT sometimes hangs in YZ-Profile
SOBEK-49689	GUI and/or Parsen give incorrect error messages on some open Y-Z profiles
SOBEK-49908	Rare crash without error during pre-processor due to memory allocation issues
SOBEK-23244	DELWAQ: Dispersion from HORZDISP process is unlimited*
SOBEK-49899	MODELEDIT gives irrelevant but blocking error when saving YZ-Profile for Flow - Universal Weir

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*\*May influence simulation results*



*Photo's by: BeeldbankVenW.nl, Rijkswaterstaat / Joop van Houdt.*

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