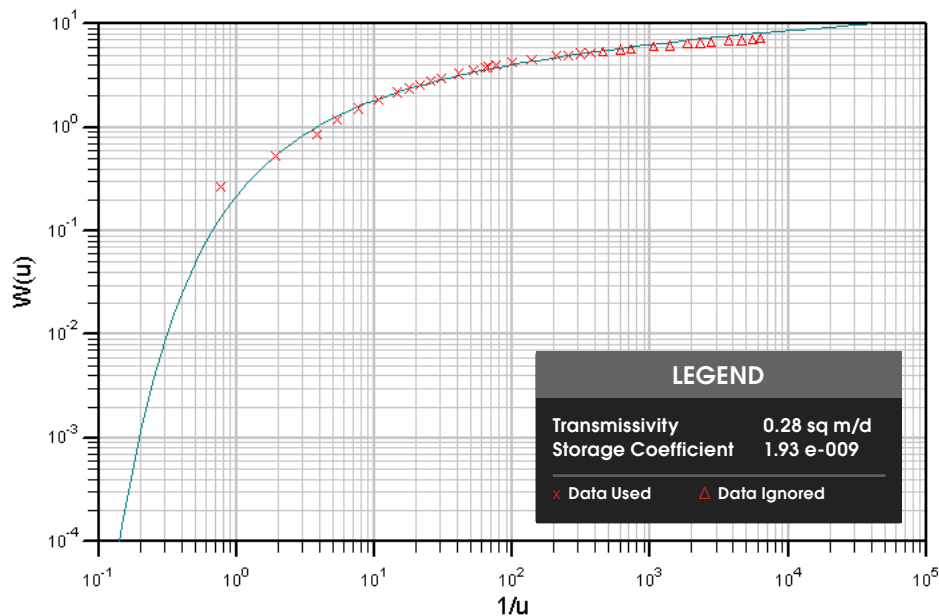


## Theis



## AquiferWin32

Analysis of aquifer tests, slug tests and step tests. Allows multiple observation wells to be analysed individually or as a group

AquiferWin32 software evaluates test data using the derivative method and can be used to simulate aquifer tests. It combines powerful data management capabilities with features expected in a Windows program.

The software has been chosen by the Environment Agency, groundwater scientists and engineers, as the system of choice for cost effectiveness and versatile analysis.

## Key Features

- Analysis using 6 slug test solutions, ranging from simple Hvorslev to complex Kansas Geological Survey (KGS) Model
- 12+ pump test analyses, including solutions for confined/leaky confined/unconfined and fracture rock aquifers, with support for variable pumping rates, partial penetration, delayed yield and well bore storage.
- Analysis methods for step/variable rate test analyses
- Extends many pump test solutions into a modelling environment, supporting any number of pumping wells with variable pumping rates.
- Output includes :
  - Contour maps of hydraulic head or drawdown
  - Colour floods
  - Particle traces
  - Graphs of drawdown versus time at any number of monitoring wells.
- Auto calibration to any number of transient targets is also supported.
- Derivative analysis & Pump Test Simulator.

## WinFlow/WinTran:

WinFlow/Tran is now automatically included in all licenses of AquiferWin32.

AquiferWin32 V5 includes Split Version 2.3, an analytic element flow model developed by Igor Jankovic, supporting single layer groundwater flow in heterogeneous aquifers.

The WinFlow Solver is an iterative analytical modelling tool that simulates two-dimensional steady-state and transient groundwater flow. It is easy to set up and offers quick solutions to simple groundwater problems, including impacts from proposed water supply wells, small-scale groundwater contamination issues, or the design of small pump and treat systems.

The WinTran Solver couples WinFlow with a contaminant transport model.

## System Requirements

- Windows Platform
- 50 MB hard-disk space
- Pentium-class processor
- Minimum 32 MB RAM, but recommend at least 64 MB RAM

## Pricing

- AquiferWin32 V5 £500
- Upgrade AquiferWin32 V4 £80
- Upgrade from AquiferWin32 V3 or Winflow V3 £310
- Delivery of HASP dongle £15

## 64 & 32-bit Versions

- Available in both 32-bit & 64-bit

## Information

Licensed by default with a hardware lock (USB dongle) which attaches to a USB port, allowing you to move the software to any computer. The software will only run on the computer with the dongle.

Please note a single user HASP dongle cannot be accessed via Windows Remote Desktop Connection. A network dongle is required. A minimum of 3 software copies must be purchased if you require this.

All Users MUST return existing hardware locks. If an existing version is required for project reasons, users may receive a temporary security code during the transition to V5.

### For more information contact:



**Emma Farren**  
Hydrogeologist and Groundwater Modeller

t: +44 (0)1743 276 100  
e: emma.farren@stantec.com

Connect with us



[www.stantec.com/uk](http://www.stantec.com/uk)