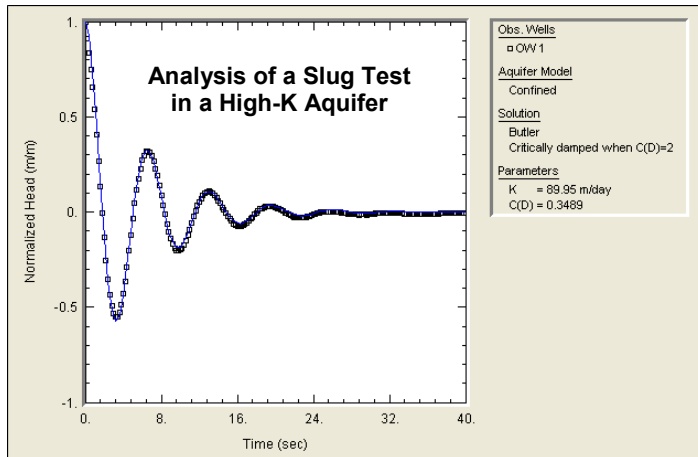


AQTESOLV™ by HydroSOLVE, Inc. for Windows

The **LEADING** aquifer test analysis software since 1989!



NEW VERSION!

Version 4.5

for Windows 95/98/NT/2000/XP/Vista

AQTESOLV is the **original** all-in-one software package for the analysis of aquifer tests in confined, unconfined, leaky and fractured aquifers.

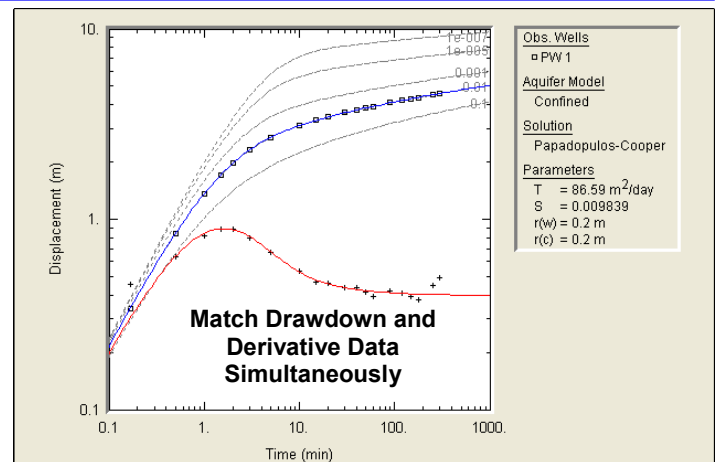
**pumping tests • slug tests • constant-head tests
single-well tests • recovery tests • step-drawdown tests**

Why Choose AQTESOLV?

- User-Friendly Data Input Wizards
- More Solution Methods
- Superior Diagnostic Tools
- Cutting-Edge Curve Matching
- Prediction and Test Design
- Groundwater Mounding Simulation
- **New in Version 4.5**
- Tartakovsky-Neuman (2007) unconfined pumping test with 3D saturated/unsaturated flow
- Dougherty-Babu (1984) step-drawdown test with wellbore storage and skin

Other Key Features

- Visual and automatic curve matching
- Derivative analysis
- Agarwal method for recovery tests
- Distance-drawdown analysis
- Automatic image well generation
- Grid wizard and contouring



- Curve fitting statistics and graphics
- Import wizard for data loggers
- Solution Expert for choosing methods
- 17 customizable plot and report formats
- Versatile export functions
- Context-sensitive help
- Free tech support, Knowledge Base and Users' Group

Download the free AQTESOLV demo from our web site!
HydroSOLVE, Inc. • www.aqtesolv.com • 703.264.9024

AQTESOLV v4.5 has the most comprehensive suite of solutions for aquifer test analysis.

35 Pumping Test Solutions
34 Variable-Rate Test Solutions
33 Recovery Test Solutions
23 Bounded Aquifer Solutions

12 Wellbore Storage Solutions
11 Constant-Head Test Solutions
18 Slug Test Solutions
5 Underdamped Slug Test Solutions

Pumping Test Solutions

Aquifer Models

- confined aquifers
- leaky aquifers
- unconfined (water-table) aquifers
- fractured aquifers

Features

- variable rates with recovery
- confined two-aquifer system
- confined-to-unconfined conversion
- water-table aquitard
- leaky aquifer step-drawdown test
- horizontal well
- interceptor trench
- nonuniform aquifer (Butler)
- automatic image well generation
- delayed observation well response

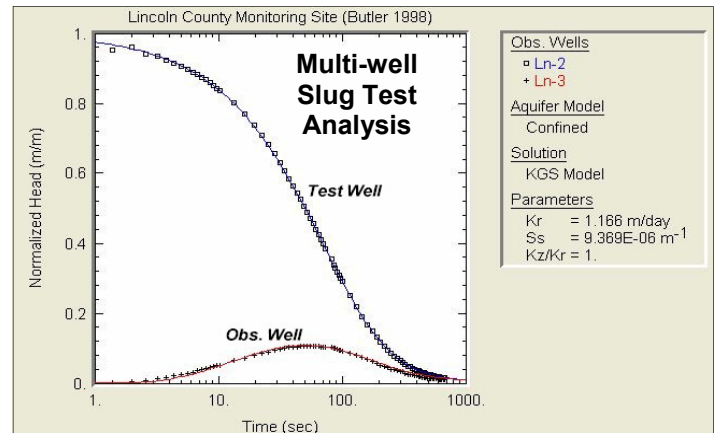
Constant-Head Test Solutions

Aquifer Models

- confined aquifers
- leaky aquifers
- fractured aquifers

Features

- straight-line and type-curve methods
- exact recovery calculation
- wellbore skin and partial penetration



Slug Test Solutions

Aquifer Models

- confined aquifers
- unconfined (water-table) aquifers
- fractured aquifers

Features

- wells screened across water table
- underdamped (oscillatory) tests
- multi-well tests
- friction loss
- normalized head
- Butler's recommended head ranges
- nonlinear model (McElwee-Zenner)
- deconvolution (Peres et al.)

All pumping test solutions simulate variable pumping rates.

Constant-head test solutions capable of recovery analysis.

Perform forward solutions/predictive analysis with any pumping test solution.

Standard and Professional Versions

AQTESOLV is available in **Standard** and **Professional** versions.

- The **Standard** version includes a suite of solutions comparable to other commercially available software.
- Choose the **Professional** version for the most advanced solution methods and most powerful curve matching tools available in any software package.
- Both versions include **forward solution/predictive analysis!**