Next-Generation Sewer Modeling Software:
Introducing Hydra version 7

Pizer Inc. announces a new release of its Hydra software for analysis and design of storm, sanitary, and combined sewer systems – version 7. Building on a proud tradition of over 35 years of commercial software development, this "next-generation" program by Pizer Inc sets a new standard for the collection system modeling industry. Hydra 7 is a complete re-write of the graphical user interface.
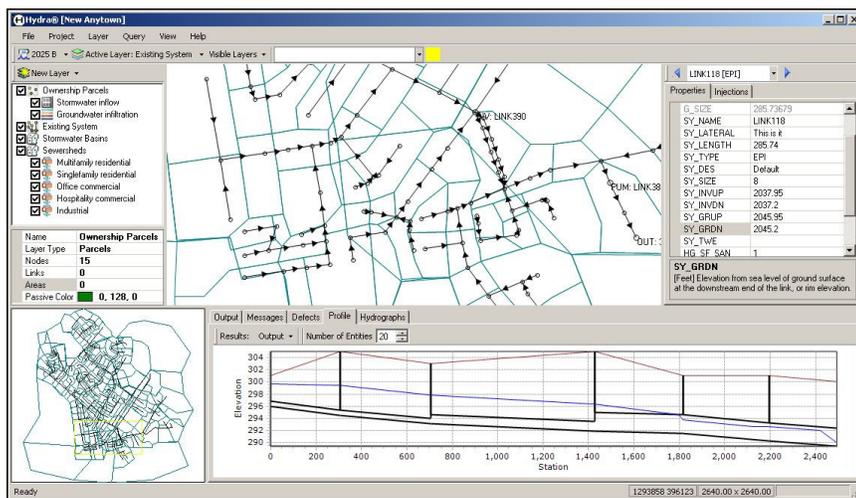

Hydra models the hydraulics in municipal storm, sanitary, and combined sewer systems and automates design of upgrades and new lines. The Hydra program was first created by Allen Peyser in the late 1960's and released as a commercial product in 1973. It was the first software program to move to Microsoft Windows, among many other industry firsts. Hydra 7 was written by Allen Peyser's son, Dale Peyser, using the latest software development techniques. Hydra 7 is a stand-alone analytical geodatabase, dynamically integrating spatial and tabular GIS data for optimum modeling efficiency. Easily create and manage multiple scenarios for calibration and model "what if" scenarios for potential future conditions. Hydra 7 combines innovative hydraulic analysis with un-matched ease of use and flexibility.

The all-new Hydra version 7 interface also includes more zoom and pan options, drawing capability, flexible flow injections, new profile and hydrograph display features, fully-dynamic data-input error reporting, and more query features.

Hydra version 7

Hydra software has been used by over 1000 city public works departments, sewer maintenance departments, and consulting civil engineers. Pizer Incorporated estimates Hydra has been used to model at least 2000 municipal sewer systems as well as being a standard for highway agency hydraulic engineers.
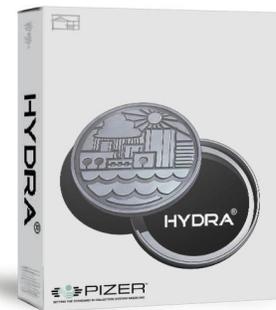
Hydra software is a full-featured program used by environmental and civil engineers to model and design drainage systems. It provides tools for managing all types of flows, including sanitary wastewater, stormwater runoff and inflow, rainfall-dependent infiltration, and groundwater infiltration. It helps cities understand how the whole sewer system works under various conditions.

For more information, visit http://www.pizer.com or call 800-222-5332.