Find an optimal mix of fresh & concentrated streams.

**Programs Include**
- WaterCycle - Cooling Water
- hyd-RO-dose - Reverse Osmosis
- Mixing Program

**Model 18+ Scale Forming Species**
- Calcite
- Aragonite
- Witherite
- Strontianite
- Calcium oxalate
- Anhydrite
- Magnesite
- Gypsum
- Barite
- Celestite
- Tricalcium phosphate
- Hydroxyapatite
- Calcium phosphate
- Amorphous silica
- Fluorite
- Silica
- Brucite
- Mag. silicate (stoichiometric)
- Ferric hydroxide
- Siderite
- Strengite
- Halite
- Thenardite
- Iron sulfide
Reports
One-Page Summary
Table
2D Graph
3D Contour & Bar Graph

Visual Aids & Outputs
Table
- Saturation vs Temp
- Saturation vs pH
- Saturation Concentration / Recovery

Graph
- Graph Saturation vs Concentration / Recovery
- Graph Saturation vs Temp
- Graph Saturation vs Temp
Scale inhibitor treatment modeling for basic and custom formulations.

Common Materials

| AA-AMPS   | PAA    |
| AMP       | PPCA   |
| ATMP      | SSMA   |
| HDTMP     | + Many Proprietary |
| HEDP      |        |

Inhibitor Modeling

French Creek - Basic Edition licenses model scale with several pH control options. French Creek - Premium Editions enable users to model their own custom formulations. Model a treatments limits and suggested dosage.
Four Editions

Basic Edition
The Basic Edition will perform a thorough scale evaluation (18 + Saturation Levels & Indices), for a selected range of parameters. The program outputs results using a selection of thorough tables and color coded graphs. It is useful for troubleshooting a system and finding a system's optimum operating range with or without pH controls.

Field Engineer Edition
The salesman edition calculates all scale potentials and generates all 2D and 3D profile graphs, plus adds the ability to model Product Files (created with a Formulator or Laboratory Edition). As the names suggest, this is a useful tool for staff members in sales or field work. Using Product Files, salesman can select a product, obtain optimum dosage recommendations and check the limits and failure points in a system.

Formulator Edition
The Product Manager & Formulator Editions add the ability to generate Product Files. Product files take only a moment to create using French Creek's vast Inhibitor Model Library, containing most widely used generic and proprietary materials. To input a product, a user selects the necessary materials and enters the material's active. Once a Product File is created it can model dosages and limits or be distributed to Salesman/Field Engineer users for dosage modeling.

Laboratory Edition
The Lab edition adds the ability to develop your own models from laboratory data, field data or a combination. Models can be developed for scale inhibitor dosage optimization, corrosion inhibitors, corrosion rate prediction, and suspended solids dispersant dosage optimization.

Pricing available at http://store.frenchcreeksoftware.com/