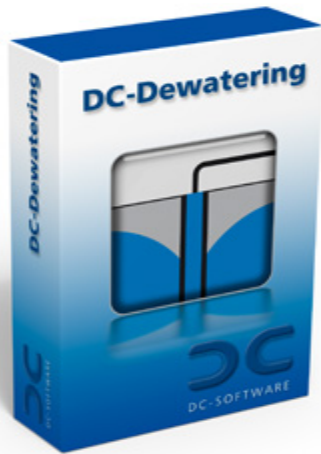# DC Dewatering - Ground water lowering (Multi-well installations)

- Arbitrary layer system
- Different permeabilities
- Ground water situation: free, half-stressed or stressed
- Different construction pit sections: arbitrary polygons with different depths
- Any number of wells at different positions: different depths and diameters
- Several well series, different lowering aims
- Defined lowering depth or adapted to pits
- Analysis with vacuum wells optionally
- Waterproof enclosures and tight base optionally
- Calculation of the required pumping quantity
- Capacity of all wells
- Consideration of the mutual influence
- Calculation of the required number of wells
- Lowering and wetted filter height of the wells
- Determination of the critical point
- Graphic of the lowering with elevation lines
- Optionally display with color areas
- Selection of the fineness (number of colors)
- Free section draw with display of water level
- Interactive display: lowering at any position
- Export graphic in JPG format (e.g. for Word)
- RTF Export of the results
- Automatic positioning of wells with optimization of the position with any shape also for different depths / inner areas!
- Results in graphic quality
- Selectable font
- Alternatively graphic in the text
- English, German, French language