

# Doetinchem council lets e-SENSE from Eijkelkamp take care of things

In the framework of the Municipal Water Management Act (Wet gemeentelijke watertaken) in combination with the water framework directive, Doetinchem council wanted to digitally manage the existing groundwater measuring network and at the start of 2011 this wish was transformed into a project. In principle, research was done into the feasibility of using the existing monitoring wells and expanding this with new monitoring wells. This research was summarised in an extensive requirement specification that serves as the basis for the entire project.

Eijkelkamp Agrisearch Equipment is a player of stature that can take care of things (Eijkelkamp Carefree Solutions). The knowledge and skill was built up during its 100-year existence and now the fruits of this are being harvested. In recent years, Eijkelkamp has focussed upon taking care of its clients' problems. Measurement data is obtained in the field or remotely and easily converted into an attractive web page for managers of this data.

“Eijkelkamp has listened to our wishes and translated them beautifully into the design plan.”

Forty seven measurement locations were set up and equipped with an e-SENSE level monitoring well modem for Doetinchem council. This modem, in combination with a pressure transducer in the monitoring well, records the correct rise height in relation to mean sea level. Every day the data is automatically sent to the council's central main station. The same data is also automatically sent to the DINO database via the TNO DINO format. The manager thus receives new data every day and thereby easily manages the measurement network. For validation and alarms, parameters are set up that are processed in the software.

Bas Berends, Roads and Sewers Advisor of Doetinchem council reports: "The start-up meeting went well. Eijkelkamp listened to our wishes and translated these beautifully into the design plan 'Expansion and automation of the groundwater measurement network of Doetinchem council'. The project has run successfully right up to the present." Ruben Pot, Senior Account Manager of Eijkelkamp: "Every client receives a bespoke service and can expand in the future if desired. As a result, unnecessary costs do not have to be incurred. The customer is in a good position to make choices and set priorities." Both customers are satisfied that a good, well-functioning measurement network will be in place after the completion of the project.



Ronald Rudolfs of Eijkelkamp installs one of the 47 monitoring well modems



The monitoring well modem is activated

Some monitoring well modems lie above ground level and are equipped with an above-ground housing



The communication cable with the Diver is cut to length



## Do you want a well-functioning measurement network too?

Do you, like Doetinchem council, want a well-functioning measurement network? Then contact our sales department on +31 313 880 200 or at [info@eijkelkamp.com](mailto:info@eijkelkamp.com)