Eijkelkamp takes the pressure off Doetinchem council

A look back at the anniversary celebration

Monitoring groundwater on Cyprus

All about Royal Eijkelkamp
In Memoriam
Carles Ampuy

To our great shock Carles Ampuy passed away on 31 July 2011. Carles was co-owner and director of Analab, S.A. and his company had represented Eijkelkamp Agrisearch Equipment in Spain for many decades.

We reflect upon the warm cooperation we enjoyed with Carles and wish his family and all staff at Analab, S.A. our condolences and strength in coming to terms with their great loss.

Dear reader,

We can look back upon a fantastic anniversary celebration. In two days we received around 1000 guests. At Eijkelkamp a route was laid out that led the visitor past various demonstrations (from the forging of a hand drill to the performance of sonic drilling). Our staff were on hand to explain the equipment and/or how it was made. We received many positive and enthusiastic responses about the style of this format.

Royal highlight

The presentation of the royal certificate was of course one of the most important events. This means that, from now on, the companies Eijkelkamp Agrisearch Equipment, SonicSampDrill, Eijkelkamp Training & Consultancy and Eijkelkamp Tooltech fall under the Royal Eijkelkamp Earth Sampling Group. Further on in this edition there is more on the effects of this in terms of company names and logos.

For those that couldn’t make it, we have included some photos to give you an overall impression of the important moments that have influenced the growth of our company over the past 100 years.

A proud Fons Eijkelkamp
Company history – 100 years of quality

• In 1911 Hendrik Eijkelkamp set up a smithy in the Gelderland village of Latham.
• The 1.2 metre soil auger developed by Jan Eijkelkamp (son of Hendrik) in around 1948 could just fit into the boot of a Volkswagen Beetle.
• As a small boy, Fons Eijkelkamp (son of Jan and grandson of Hendrik) was already sticking postage stamps on tiny product catalogues in 4 languages.
• In 1970 Fons began working with his father under the condition that the company would switch entirely to its own products.
• The secret of the smith: focus upon everything relating to the life sources soil and water research.
• Company philosophy: Be the creator of your own luck!
• In around 1974 Albert Knol started work as the company’s first full-time sales employee.
• In around 1978 the first outlines of a distributors network became visible. In 2011 Eijkelkamp has distributors in 62 countries worldwide.
• In 1980 the company moved into the current premises on Nijverheidsstraat 30 in Giesbeek.
• In around 1984 the first catalogue, containing a whole range of specific trade products, was issued. The slogan on this: “One supplier for the field worker who will hear tomorrow that he has a long way to travel the day after tomorrow”.
• In 1995, prompted by our good relations with universities worldwide, the company had already started to use email.
• In around 1995 the company was one of the two companies that are selected by the Dutch Ministry of Agriculture and Fisheries to develop fraud-resistant sampling equipment for the transport and use of fertilizers.
• In around 1996 the company’s first website was launched.
• Since then more than 700 complete systems have been delivered for the transport sector for use behind tractors and behind big fertilizer trucks. In 1996 Eijkelkamp received the ISO-9001 certificate for the first time. This has been renewed every year since.
• Since 1996 Eijkelkamp has been a supplier of smart field sensors that can measure, save and forward water and groundwater parameters.
• In 1996 the company started developing a new innovative mechanical drilling method: Sonic Drilling.
• In 1997 the Logistics Centre was opened.

• In 1998 Eijkelkamp Training & Consultancy was established. The ETC trainers now travel the world for training, consultancy and capacity building.
• In 2000 the first edition of Geijkt Nieuws was issued.
• At the end of 2005 SonicSampDrill was founded for the purpose of supplying a quick, high-quality sampling technique.
• March 2011 saw the centenary “100 years of Eijkelkamp, 100 years of quality”.
• In March 2011 a completely updated Eijkelkamp website went online.

Eijkelkamp Foundation

Eijkelkamp Foundation was established in April 2011. Technical knowledge and entrepreneurship flow back into society.
• In May 2011 the Eijkelkamp Earth Sampling Group is allowed to use the designation ‘Royal’ in its name. The crowning of all our work! From now on we are Royal Eijkelkamp Earth Sampling Group.
• May 2011 Social media are now an inextricable part of society. Eijkelkamp is active on Twitter, Facebook and LinkedIn.

It now only remains for me to thank everyone who visited us, everyone who congratulated us in writing or in person and everyone who helped make the launch of the Eijkelkamp Foundation an enjoyable experience.

The Eijkelkamp Foundation has a tidy amount of cash and has already supported its first project. You can read more about this project elsewhere in this edition of Geijkt Nieuws. Suitable good causes are still welcome – you can send them to foundation@eijkelkamp.com. The same naturally also applies for donations. The Eijkelkamp Foundation will make sure they are well spent.

In the meanwhile, we are working to keep the organisation good and healthy for the next 25 years and we naturally hope to be able to realise this with you and for you.

Best Wishes,

Fons Eijkelkamp
From now on the Royal Eijkelkamp Earth Sampling Group will find itself amongst a select group of Royal companies such as KLM, Philips, Shell and Ahold. But what exactly does the designation involve?

Distinction from the Queen
The designation “Royal” is a distinction that is granted to societies, foundations, establishments and large companies and it symbolises the respect, appreciation and trust of the Queen of the Netherlands towards the recipient. Only the Queen can award the designation. The designation is strictly by name and means that the organisation may add the designation Royal to its name and may incorporate the Royal Crown in its logo (you can see the result on the next page).

"Not every company comes into consideration for the Royal designation."

List of criteria
The designation is applied for via the mayor in the place of business. The registers of the Judicial Records Service are consulted and the application, along with the recommendation of the mayor, is then sent to the Queen’s commissioner who, after consulting the services and ministries relevant to the judgement, makes his own recommendation. The Queen’s commissioner finally notifies the applicant of the Queen’s decision. The whole procedure takes about a year.

This is an extremely prestigious award as not every organisation that is put forward for the Royal designation is awarded the title. The company must have prestige in terms of type, size and reliability. It must take on a very prominent position within its field in the Netherlands and preferably have an international image. Account is also taken of the size of the company, the number of employees and the turnover. The management should be beyond reproach. The company, and its directors and commissioners, must be of good repute and unblemished conduct. Furthermore, a company must have been in existence for at least 100 years.

Obligations and extension
If the Queen is ultimately prepared to award the designation, the company is asked to adhere to the ‘Conditions regarding the Royal designation’. The most important obligation is that the holder shall refrain from anything that would damage its reputation. Violation of the conditions can lead to the loss of the right to use the designation. In the event of bankruptcy, or if the organisation is transferred into other hands, if its independence is lost or if the nature of the organisation changes the Royal status can be removed. Separately from this, the right can be withdrawn at any time.

The right is awarded for a maximum period of 25 years, after which the holder can ask the Queen for an extension via the mayor. Another check is then made by running through the same steps as those for the application process.
When the Eijkelkamp Earth Sampling Group became Royal Eijkelkamp Earth Sampling Group work on the logo was quickly put in hand. We are now proud to present the new Royal Eijkelkamp logo that will be used on all communications from now on.

New company logos
Following the Royal designation we have taken the opportunity to give the existing company logos a facelift. From now on the text ‘A Royal Eijkelkamp Company’ will be incorporated into every logo. In addition, there is more consistency in the font used.

The new Royal Eijkelkamp logo

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We would love to know what you think of the new logos. Leave a message on our Facebook page or send a Tweet. Of course, you can also send an email to info@eijkelkamp.com

Events calendar 2011-2012
Visit the stand of Eijkelkamp Agrisearch Equipment or one of the distributors at the following events.
For the most up-to-date information see www.eijkelkamp.com

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Eijkelkamp webshop for quick and easy ordering

Did you know you can order products quickly and easily via our webshop.

More benefits
- Order whenever is convenient: 24 hours a day, 7 days a week, 365 days a year
- Most up-to-date information always available to you
- A personalised shopping basket based upon your order history

How does the webshop work
- Go to www.eijkelkamp.com
- Click on the Webshop heading in the left-hand menu
- The ordering program opens
- Enter your user name and password
- You can now start ordering

No log in details yet?
- Send an email to info@eijkelkamp.com
- You will be sent your log-in details and can get started straight away.

Eijkelkamp Agrisearch Equipment is very active online. Earlier this year the website was completely renovated and now we are also busy on Facebook, Twitter and LinkedIn. So register as an Eijkelkamp follower and receive the latest news, views and opinions in Tweets from us. If you would like our support in communicating interesting items lets make sure we are following each other as this is a great way to ‘spread the word’. Add a ‘like’ if you find a Facebook message interesting, retweet a report from us and expand your network by contacting Eijkelkamp staff on LinkedIn.
On Cyprus, the Geological Survey Department (GSD) uses the e-SENSE telemetry system in combination with CeraDivers to monitor the Cypriot groundwater. The third largest island in the Mediterranean Sea is battling the subterranean penetration of salt water and long periods of drought, which cause water shortages.

Water management in jeopardy
The semi-arid climate on Cyprus makes great demands upon existing groundwater sources. These sources play a very important role in the water management of the island of this moment. But as much as 70% of the water (around 250 million m³) for daily use originates from aquifers that stem from the Pleistocene (period from 2.588 million to 11.56 thousand years ago) Nevertheless, water from the aquifers and the Troodos Mountains is used for both domestic and irrigation purposes.

However, problems arise if little or no rain falls in the winter. The Cypriot government has already tried to come up with various solutions. For example, in 2008 a measure was put in place whereby households could only use their taps for 8 hours over a 48-hour period. Another idea was the construction of an extra desalination plant. This is a factory that can extract salt from seawater and make freshwater. However, its realisation will take years and be very expensive. The same applies to the alternative: having ships carrying freshwater to come in from Greece. There is no infrastructure for this, meaning that the water would be very expensive.

More insight via e-SENSE and Divers
The GSD has been charged with the performance of hydro-geological research into new groundwater bodies. Thorough monitoring is of great importance to GSD staff in this context because it gives them greater insight into the management of water sources and other complex natural processes. The results can ultimately be used to draw up a suitable protection and management plan.

“The semi-arid climate on Cyprus makes great demands upon the existing groundwater sources.”

For the monitoring of the quality and fluctuation of the groundwater, and the penetration of salt water, the GSD has called upon the assistance of Eijkelkamp Agrisearch Equipment and Eijkelkamp’s distributor on Cyprus, MilliQuest Ltd. Using an e-SENSE telemetry system in combination with several CeraDivers, the GSD quickly has the desired data every day, which is delivered online.

What is the Geological Survey Department?
The Geological Survey Department is the technical advisor to the Cypriot government for all geological subjects. It conducts research and gives advice in the field of geological, hydrological, geotechnical, geophysical, seismological and geo-environmental issues.

Productinfo
The CeraDiver of Schlumberger Water Services is extremely well suited for use in semi-arid areas because it has a non-corrosive, hermetically sealed ceramic housing so is resistant to brackish water, seawater or other harsh environments.
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.

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.

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

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
Borna Gasparac and Bob Zwartendijk are two third-year students of civil engineering. From May to August 2011 they have been doing a work placement in Malawi through the development aid organisation Edukans/Ex-change. To be precise, they were in Lilongwe at the Don Bosco Youth Technical Institute. In Malawi there is little knowledge of civil engineering. Borna and Bob have therefore gone to the institute to help with a number of civil engineering projects such as designing a rainwater harvesting system.

Throughout their projects Eijkelkamp equipment, such as the soil auger set, was used many times. Soil bores for investigating the soil structure and condition of the groundwater were performed using the set.

Eijkelkamp Foundation supports agricultural project in Myanmar

By the donation of a pump and hose set, the Eijkelkamp Foundation supported its first project - an agricultural project in the delta region of Myanmar.

Background
Hans van Rheenen, Innovation Manager at Eijkelkamp Agrisearch Equipment, came into contact with Jop Endelage who works as programme director at World Concern Myanmar. Jop told Hans that in 2008 cyclone Nargis claimed thousands of lives in Myanmar. It also laid waste to paddy dikes fields. This allowed salt water to flow in, which had a detrimental effect on the harvests. However, repairing the dikes was above the capability of the local population.

After hearing this story, Hans immediately submitted a request to the Eijkelkamp Foundation. Consultation with the local agricultural advisor in Myanmar made it clear which equipment was most needed. This turned out to be a portable pump, which the Eijkelkamp Foundation has donated.

Handing over
The pump and corresponding hose set were handed over to Janine Roelofsen on 26 July. Janine, along with her husband Paul and three children, travelled to Myanmar to provide emergency aid on behalf of ZOA-Vluchtenlingenzoeg and to carry out agricultural projects. Janine ensured that the pump ended up in the right place.

The Eijkelkamp Foundation is delighted that it has made its first contribution to such a good cause.
Earlier this year Eijkelkamp Agrisearch Equipment together with the Spanish distributor Analab S.A. took part in a bilateral Spanish-Dutch soil clean-up platform in Barcelona. During the platform various lectures were held about project financing and the soil contamination problem in Catalonia, with the emphasis on the industrial site in Flix.

Large-scale contamination
In the town of Flix, near Tarragona, a clean-up project has been started. The local chemical industry has seriously polluted the basin of the Ebro river with substances including chlorine, benzene, PCBs and heavy metals such as mercury, chromium and cadmium. Districts lying downstream fear the pollution because they use the surface water for drinking water and agricultural purposes. Furthermore, the Sebes nature reserve (see also Geijkt Nieuws 38) lies just a stone’s throw from the industrial site. The quantity of dumped waste and polluted river sediment is estimated at a million cubic metres.

The clean-up of the basin is now in full swing. The sediment is being dredged out and separated and depending on the concentration of pollutants, a suitable treatment process will then be initiated.

A century of experience
Over the years, Eijkelkamp has provided data to countless clean-up projects worldwide. Together with Analab S.A. it will also continue to be involved in the Flix project. Inaccurate information can have major consequences for the resulting clean-up activities. Only with high-quality equipment can accurate measurements be taken. Eijkelkamp has a century of experience in the development and supply of quality investigation equipment. Eijkelkamp Training & Consultancy also ensures that the client learns to operate and use the equipment in the correct manner in order to obtain the best, most accurate results.
During the soil clean-up operation, Eijkelkamp, together with some other Dutch and Spanish companies, got the opportunity to show how they can take care of things.

**Sediment sampling**
- Soil sampling set for chemical soil investigation (04.16) and coring tube for volatile substances (04.10). For determining the degree of contamination.
- Van Veen grab (04.30), Beeker sampler (04.23), multisampler (12.42) and the free-fall coer (04.29). For determining the amount of sediment before dredging, the effects downstream (such as the silting up of dam reservoirs), visual depth, composition (sand, clay, stone).
- ‘Watertrap’ water sampler (12.02), Delft bottle (04.31) and the Arnhem type bed-load transport meter (04.32). All samplers for flowing sediment.

**Measuring**
- Multimeter (18.50) for chemical analysis (oxygen, pH, conductivity and redox).
- Measuring set for water permeability, Hooghoudt model (09.01.5A) and air permeameter (14.34). For permeability of water and soil air.
- EC probe for salinity measurements (14.01) and soil moisture meter with theta probe (14.26) for soil moisture and salt content.

**Monitoring (throughout the entire clean-up process)**
- CTD-Diver (11.11.50.01). For monitoring of change of physical and chemical soil and water parameters.
- Monitoring well modem for telemetry.

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**Your films at www.eijkelkamp.com**

We want our site to be as complete and informative as possible for you. Therefore we are increasingly using films. Because if a photo says more than a thousand words, a film says everything! At the moment there are films of the percussion gouge, foil sampler and Van Veen grab. This year the range will increase further. However, these can also be your films. We are very interested in any films that you may have made during projects using Eijkelkamp equipment.

So if you have digital photographic material, send it to us. You can send your films by email to l.vanswaemen@eijkelkamp.com. Of course you can send them by post too. Send a CD-Rom or DVD to us at the marketing and communications department. The address can be found on the back of Geijkt Nieuws.

**Anniversary interview**

At www.eijkelkamp.com, under the heading ‘News’, you will find the subheading ‘Eijkelkamp in the media’. Here you can watch a film in which Fons Eijkelkamp is interviewed by Graafschap TV about the 100-year existence of the organisation.
On towards the next 100 years of Royal Eijkelkamp

Want to view all anniversary photos?
Go to www.eijkelkamp.com – News – 100-year anniversary. In the review of the anniversary there is a link to the special Eijkelkamp Picasa website. Here you will find all photos that were taken during the celebration. Take a quick look to see whether you are in any of the photos.

We are ready for it!