



munisense

Monitoring groundwater levels during construction work

Protection of both a construction site and the buildings surrounding the construction site is important for contractors, local residents and the government.

The online INSIGHTNOW™ platform monitors real-time limit values of groundwater levels during work. Those responsible are immediately alerted in the event of exceedances.

The real-time data integrates seamlessly into measuring networks, making existing street boxes suitable for use for these temporary measurements. The continuity of measurement data is guaranteed.

Support during installation and maintenance

Network installation and maintenance are simplified by the handy fieldwork tool. This optimizes the route and monitoring wells are easily found based on available location photos.

All essential parameters such as cable length, NAP references, coordinates and calibration values can be set and photos of the location added. The correct measurement of the water level meter is also checked.

Insight into construction projects

Those involved - the contractor, the engineering firm and the government - have continuous real-time insight into current and historical groundwater levels in the online INSIGHTNOW™ platform. In addition, the water levels of multiple

geographically distributed measuring locations can be simultaneously requested by users and easily monitored.

Groundwater level monitoring

With a number of measuring points in and around the construction site, there is continuous reliable real-time information about unexpected subsidence and the risk of damage to foundations. The water levels are automatically monitored and exceedances are displayed.

Seamless integration into measuring networks

Can be installed quickly

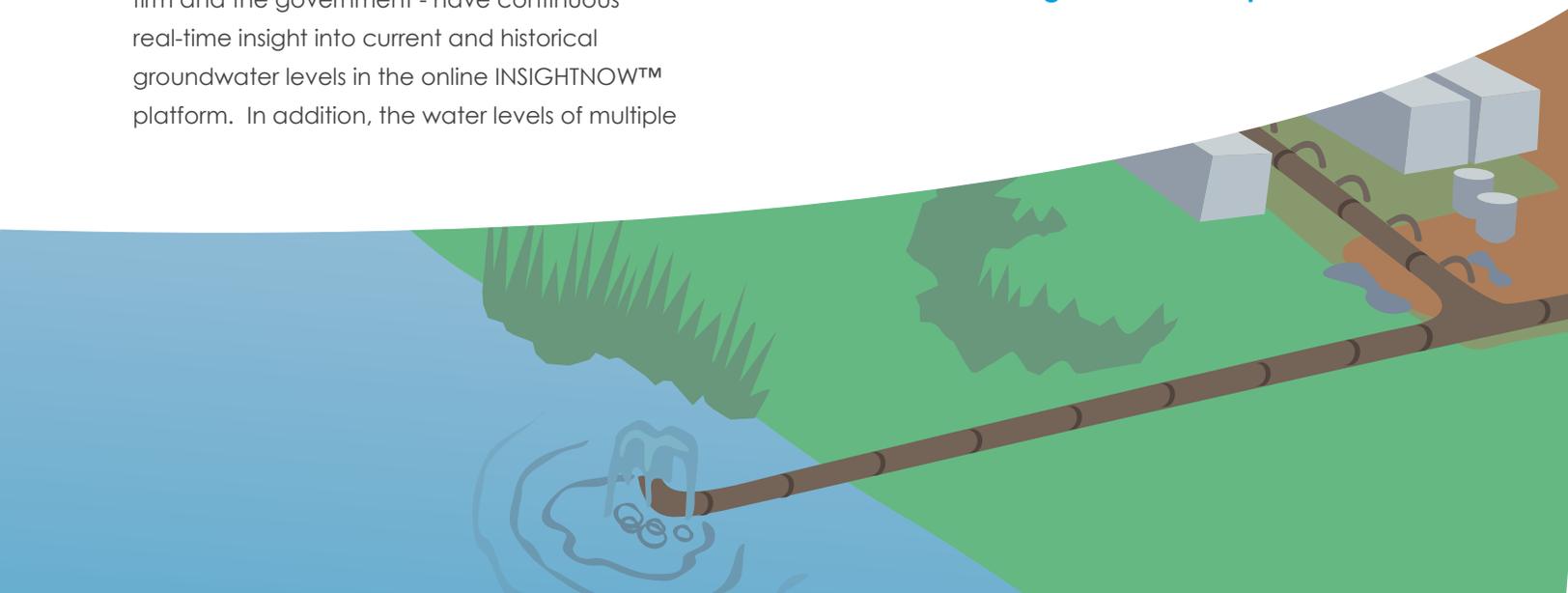
Realtime and online

Online analysis and reporting

Handy fieldwork tool for support

Alarm on level change

Protection against subsequent claims



Cost savings

With our small, quickly installed water level meters on and around the construction site, targeted measures can be taken where and when necessary, instead of taking measures in advance for the entire construction site.

Protection against subsequent claims

All data is linked to a specific measuring point and its exact location. Since all data is stored in the INSIGHTNOW™ platform, it can be demonstrated that work has been carried out within the limits even years after the work has been completed. This means that claims afterwards have no chance.



LV water level meter
For insight in water level
and water temperature

The solution

- A number of quickly installable robust water level meters with a water level sensor with a 5 meter cable. The water level meters work on their batteries for many years.
- The INSIGHTNOW™ platform for visualizing and analyzing the acquired data and setting alarms. The fieldwork tool integrated into the platform simplifies the installation and maintenance of the network at the construction site.
- Additional options:
 - Longer sensor cable lengths of 10 or 15 meters. A cable length of 5 meters is included as standard.
 - External antenna - required for water level meters in a road box.

We are happy to think along with you about monitoring groundwater levels during your construction project.

Call us on: +31 (0)71-711 4623
or e-mail: info@munisense.com

About Munisense

Munisense develops, produces, supplies and manages innovative measurement solutions for businesses and governments. Solutions that give stakeholders direct online insight into noise, water quality, water levels and air quality. The information is online available at any time for visualization, analysis or periodic reports. This way managers and policymakers can measure in real time; remotely, reliable and smarter.

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INSIGHTNOW™