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BaSYS

ADVANCED NETWORK INFORMATION SYSTEM

InDATA

Trust is good, monitoring is better!

LIBRARY

Complete substance requirements library according to the Waste Water Ordinance (AbwV)

CADASTRE

Sewer network cadastre link with graphical substance tracking

DEADLINES

Automatic date monitoring to meet deadlines

OUTLOOK

Link to the calendar and task functions of Microsoft Outlook

SYSTEM FOR INDIRECT DISCHARGERS

Wastewater from commercial and industrial operations may contain substances that cannot be separated out in treatment plants, or only with great difficulty. It therefore has to be treated before being discharged into the sewer network. In the Federal Republic of Germany, discharge is regulated by Section 57 of the Water Resources Act (WHG). Minimum substance requirements for industrial sectors in Germany are listed in the Waste Water Ordinance (AbwV). The lack of surveillance and failure to comply with monitoring values have significant consequences for an operating company and are usually associated with costs. The high-performance indirect discharger system BaSYS InDATA is the perfect solution to systematically meet the legal requirements for surveillance and monitoring of operations.

Software for infrastructure and water management

BARTHAUER

ADMINISTRATION OF OPERATION UNIT DATA

All relevant operation unit data can be administered in BaSYS InDATA. In addition to all contact persons for the operation, all contact persons for subordinate operation units can be recorded with complete contact information. All required operation unit data such as water and internal water supply data, wastewater volumes and hazard classes can be recorded as well.
Very exact documentation of company circumstances is possible by breaking operations down into operation units. A service station for example can consist of the operation units service station, car wash and workshop. This ensures that different assignments to substance requirements, permits, pre-treatment plants and safety devices are possible even within an operation.

SAMPLE AND ANALYSIS MANAGEMENT

Continuous monitoring of operations is essential in order to protect bodies of water against hazardous substances and ensure the trouble-free operation of treatment plants. This is realised through the regular collection and analysis of samples.
Substance requirements can be assigned automatically in BaSYS InDATA by assigning the source per operation unit. The complete compilation of substance requirements according to the Waste Water Ordinance (AbwV) is available as a library for this purpose. Naturally these can be changed or modified individually. Bylaw-specific, individual substance requirements can be added as well.
Sample analysis results are clearly compared to the respective substance requirements.

AUTOMATIC DEADLINE MONITORING

Facility inspections or sampling for example are required at irregular intervals to monitor operations. These are administered via processes in BaSYS InDATA. All activities required for monitoring, such as cleaning checks, telephone notes and even comments of all kinds are recorded there as actions. Follow-ups by specific people and a due date can be assigned to each of these actions. Upcoming monitoring dates can be clearly determined for any time period this way. Tasks and deadlines from each action can also be transferred to MS Outlook in order to plan upcoming monitoring dates this way.

SUBSTANCE TRACKING THROUGH THE EXISTING SEWER NETWORK CADASTRE

If an operating company notes elevated hazardous substance quantities, these can be traced back to potential dischargers. These are listed by entering the noted substance and are then available for further review.
If a sewer network cadastre is integrated in the same database, the sewer segment in question is marked in colour after the noted substance is entered and all possible dischargers are displayed. This however requires a direct link of the discharger to the sewer network cadastre via manholes, land drainage pipes or sewer segments.

GRAPHICAL REPRESENTATION IN THE CADASTRE

Insofar as location geometries have been assigned to the operations and/or operation units, these can for example be visualised with the land cadastre together with the Network Navigator integrated in BaSYS InDATA. A bidirectional display is also provided, either by clicking in the graphic to show the respective operation or by selecting the operation to show it in the graphic.

INDIVIDUALSOLUTIONS

Complex tasks demand unique solutions. We work with you to develop a concept in order to adapt our products to your individual needs for efficient application. The BARTHAUER consulting team offers advice, training and support from the first meeting to smooth operation in your company.

Thanks to the multi-platform concept integrated in BaSYS, it is of course also possible to use the graphical interface that is most suitable for the respective operating company or user. Thus indirect discharger operations can be displayed, queried and plotted together with the land and sewer network cadastres using all leading GIS and CAD systems or WebMap servers.

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