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Key Benefits of SIS-sponsored Liability Insurance:

- ❑ High policy limit: \$5 Million for the basic policy
- ❑ Volunteers are automatically covered
- ❑ Broad Form Fire Fighting expenses
- ❑ No Failure to Supply exclusion
- ❑ No Health Hazard exclusion

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www.SustainIS.org

Affordable Water System Monitoring

By Vernon Rogers

The Sustainable Infrastructure Society (SIS) is pleased to introduce our affordable new monitoring service for community water suppliers. The NeMMS service (Networked Monitoring & Management Support) will help you to increase the safety, security and sustainability of your water supplies.

NeMMS helps you to conveniently and affordably monitor your water system. You can monitor the operation of pumps, reservoirs and other important components from any location with internet access. And over time you will be able to use a wide range of management support resources. These will help you with important activities such as asset management, system mapping, benchmarking, preventive maintenance and rate setting.

The NeMMS service is easy to set up. Instrumentation is installed at key components of your water system. Operating information is then transmitted through a communications network and processed on the NeMMS server. You can readily access your system operating data through your computer in a clear and useful form. And the data can be conveniently analyzed to help you manage your system effectively and comply with regulatory requirements. The management support component of NeMMS helps you to convert operating data into useful information. And this helps you to readily communicate with customers, owners and regulators, and to maximize the effectiveness of your operations.

The NeMMS service is available to a growing network of community water suppliers in British Columbia. Provision of this service through a communications network enables SIS to achieve economies of scale. This means you can now enjoy the benefits of SCADA-like technology at a significantly lower cost. And the NeMMS advantage brings you both affordable monitoring and leading-edge management support resources. A new age has truly arrived for community water supply systems in BC!

Parameters to be Monitored

Typical parameters a community water supplier may want to monitor include:

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| <ul style="list-style-type: none"> • Pump operations • Water levels in wells & reservoir • Water flow rates • Pressure • Chlorine dosage rate and concentration • Building Intrusion • Status of any pending alarms | <ul style="list-style-type: none"> • Turbidity of surface water sources • Temperature & pH • Consumption of chemical additives • UV transmittance • Other water quality parameters |
|--|---|

For More Information:

www.SustainIS.org

Official website of the Sustainable Infrastructure Society. Visit this site to learn how the Sustainable Infrastructure Society can help you to conveniently access affordable services & products.

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Visit

www.GreenBC.org

GreenBC.org is affiliated with the Sustainable Infrastructure Society (SIS), and provides an online directory of suppliers and consultants. Managers of water supply organizations and other industry members frequently use the directory when they are seeking products and services.

GreenBC.org

Add your company to our online database now!

Benefits of Networked Monitoring

By Jean-Pierre Joly

Monitoring the operation of your water supply system is very important. And NeMMS makes it this task easier, reliable, consistent and convenient. Effective monitoring can:

- Keep tabs on the vital system parameters
- Facilitates a proactive management strategy
- Improves information sharing and team collaboration
- Help protect the safety of your customers and the security of your water supply
- Demonstrate that you apply best management practice
- Improve your ability to identify patterns and analyze trends in the system
- Be an important part of your risk management strategy
- Help to respond to increased focus by regulators
- Facilitate access to qualified operators by remote access
- May lead to discounts on insurance premiums.

The NeMMS Advantage

The larger municipal water supply systems typically monitor operational parameters using software installed on their own in-house computer system. This software is typically associated with SCADA (Supervisory Control & Data Acquisition) technology. However the typical SCADA software system can be complicated and expensive to install, configure, operate and maintain. Some organizations find they need to take on a specialized person just to look after the software.

NeMMS enables community water suppliers to benefit from the kinds of resources typically available only to larger organizations like municipalities and regional districts.

NeMMS can help small water systems to avoid this expense and difficulty. Using NeMMS you can access all the functions and enjoy the benefits of Networked Monitoring from anywhere with an Internet connection. The NeMMS team will maintain the software and provide technical support as required.

Compatibility with NeMMS

Some water supply systems may have existing field control systems (for example a reservoir level being monitored and a pump turned on and off based on that level) which may already be NeMMS compatible. Or, in some cases, a water supplier may be upgrading their field control system and therefore have the opportunity to ensure that it is NeMMS compatible. We can provide guidelines for the installation of NeMMS compatible Field Control Systems. By following these guidelines, you should be able to receive the NeMMS service in conjunction with your field control system.

How to get NeMMS

This service is available from the Sustainable Infrastructure Society for a modest monthly fee. The fee varies by size of water system and number of monitoring points. There may also be a one time set up charge depending on the characteristics of your system.

For more information please contact:

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