TASC SYSTEMS INC.

TASC's siteCOMMANDER is Golden

Monitoring and Control System prevents overflow conditions for the Village of Gold River

Quinsam Communications Group from Campbell River, B.C. recommended to the Village of Gold River the TASC monitoring and control system for their water and wastewater lift stations. Quinsam is a full service communications organization providing services to logging, mining, aquaculture and government.

"Now the employees don't have to drive to each site twice a day to check the conditions at each pump station," says Manager of Gold River Regional District, British Columbia, Canada. Alarms are sent directly to Kenwood FleetSync™ portables carried by village employees.

Gold River installed the siteCOMMANDER monitoring and control and siteVIEW Enterprise 2.0 system to manage their water distribution and wastewater lift station infrastructure. The water towers and lift stations consist of 8 locations up to 3km apart. The main monitoring and control center running siteVIEW Enterprise 2.0 resides at the wastewater treatment facility and all the data is sent/received by a Kenwood FleetSync™ radio system.

The water level in the water tower is monitored to switch the pumps on or off as required. There are secondary pumps for back-up and alarms are sent if the primary pumps fail. Additional monitoring includes AC line power, battery back-up power, and the doors to the buildings.

The remote lift stations are usually accessed via dirt road and situated in a hilly area that can be a challenge to access depending on the season and weather conditions. Limiting the number of trips needed to the remote lift stations reduces costs and manages productivity.

Each siteCOMMANDER unit is connected to the Kenwood FleetSync™ radio providing the wireless communication for data. The inputs/ouputs from the siteCOMMANDER have been wired to sensors for monitoring the wastewater levels and controlling the pumps, sending an event notification when there is a change in 'state'. Data is sent to the treatment facility where the siteVIEW Enterprise 2.0 resides and text messages are sent directly to the Kenwood FleetSync™ radios from the remote lift station. By having messages sent directly to the portable radios, staff can respond directly to the lift station in alarm and possibly prevent an overflow situation. A sewage spill is subject to large fines, as a result, prevention is mandatory.

A very useful feature of the siteVIEW Enterprise 2.0 software is the logging. All changes in 'state' and 'alarms' are logged in the database which enables the District to provide reporting upon request to the government. This system has been in place for over five years providing problem-free service which is a great testament to TASC Systems.

"The TASC solution is great for these types of applications when either line of site IP communications is not practical or there is a need for the mobile service person to receive the alarms directly via the Kenwood FleetSync™ portable." Al Adams, President of Quinsam Communications.

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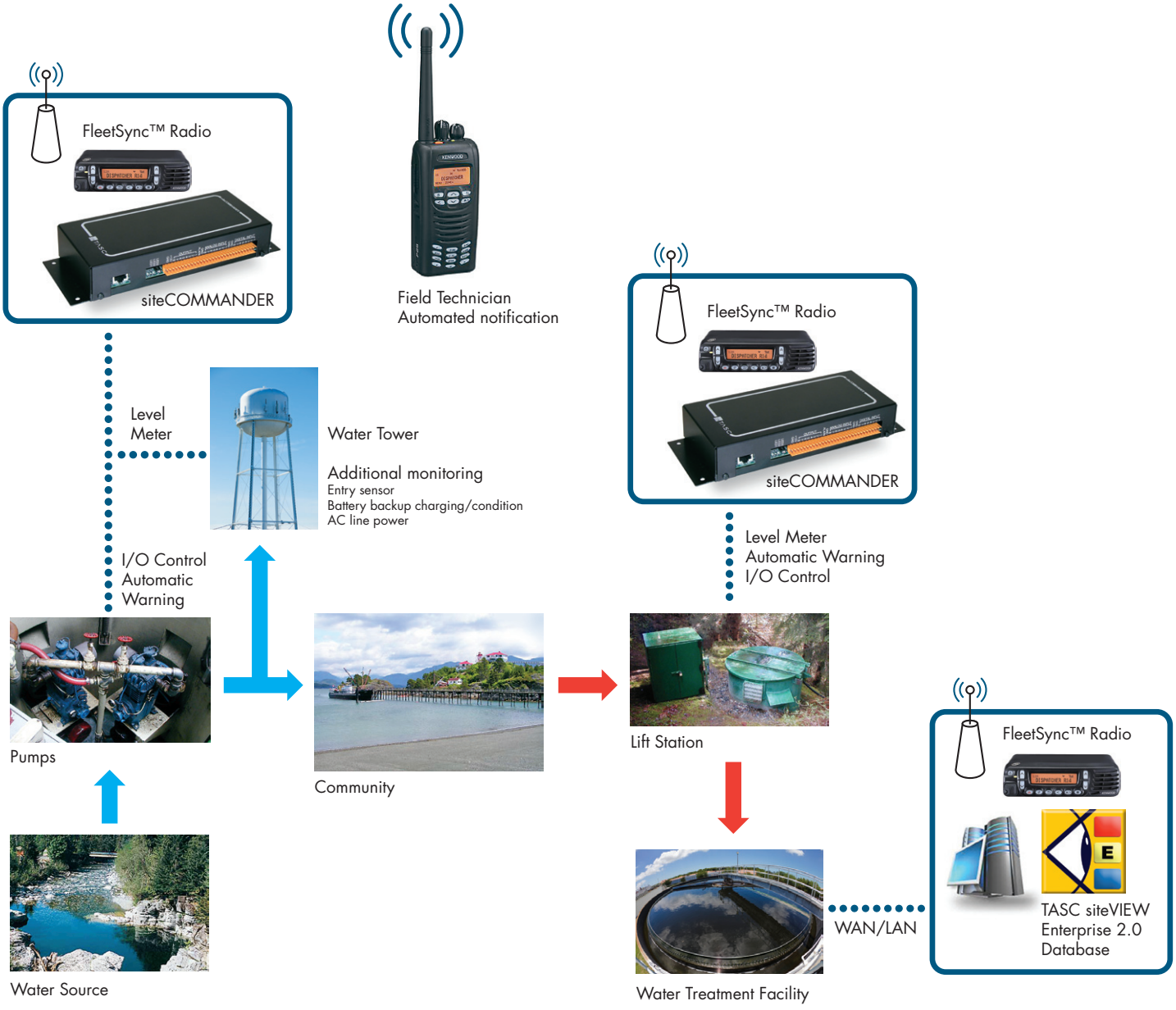

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TASC SYSTEMS INC.

9415 202 Street
Langley BC
Canada
V1M 4B5

T: 604-455-2000
F: 604-888-2712
sales@tascsystems.com
www.tascsystems.com