

WATER TREATMENT AND GAS DISTRIBUTION SYSTEM

(2009)



LOCATION

Alberta, Canada

SCOPE

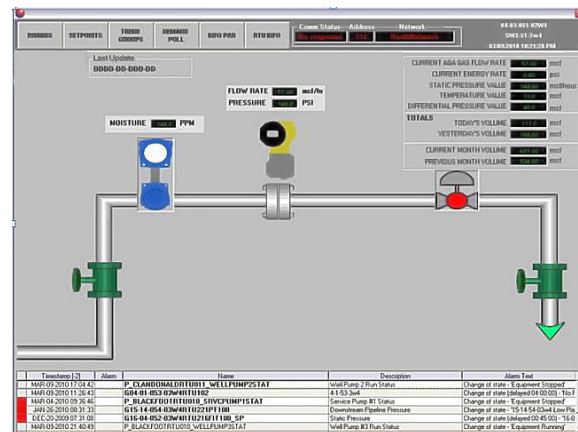
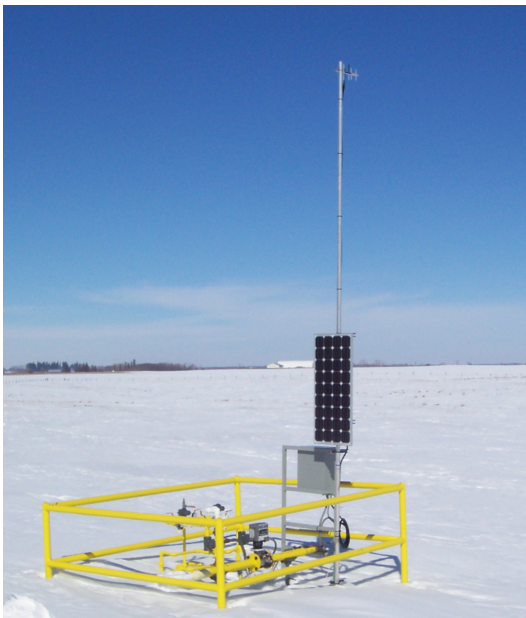
- SCADA HMI development (ABB's SCADAventure™ software)
- Alarm call-out configuration
- Field telecommunication system installation/upgrade
- Installation and commissioning

DESIGN

Tarpon's scope was to supply and install a new SCADA host system to replace the client's existing third party internet-based system, thereby reducing operating costs and providing several unique benefits. The new system has eliminated the client's reoccurring monthly costs while providing them with the capability to trend and archive real-time data for at least five years.

The client's water treatment facilities were also added to the system to allow for remote monitoring of reservoir levels, pump status and chlorine content in the water.

Call-out set points were configured in the system to generate a text message that would be sent to the on-call operator(s) in the event of device failure.



Screen shot from the host computer, using ABB's SCADAventure™ software, showing pipeline moisture content, flow rate, pressure, temperature and volume.