

G2-EXO Monitor

A water quality monitor shall be provided to monitor the environmental conditions in (Specify Location).

The water quality monitor shall be capable of interfacing to EXO1, EXO2, and EXO3 water quality sondes as manufactured by Xylem/YSI.

The water quality monitor shall have embedded 4G cellular connectivity for real-time data transmission.

The water quality monitor shall have an integrated MCBH-6-FS connector for sonde integration using off-the-shelf EXO Field Cables.

The water quality monitor shall be designed to quickly and easily connect to the sonde without the need to write programs or scripts.

The water quality monitor shall be capable of parameter level polynomial equation adjustments.

The water quality monitor shall be capable of measuring diagnostic parameters including input power, RTC power, cell module current, internal temperature, internal humidity, signal strength & signal status.

The water quality monitor shall be capable of updating its internal software to newer versions.

The water quality monitor transmitter shall be packaged in a NEMA 4X polycarbonate enclosure not to exceed 8.1" width x 4.6" height x 3.4" depth. Sufficient space shall be available inside the enclosure for the optional EXO DCP signal output adapter.

The water quality monitor shall be supplied with an 8-watt solar power pack with integrated 6 A-Hr battery & solar regulator for autonomous power.

The water quality monitor shall have all components mounted to a 2" diameter x 24" aluminum mast with male NPT threads on both ends.

The water quality monitor shall interface with WQData LIVE web datacenter for real-time data storage and viewing.

The water quality monitor shall interface with WQData LIVE web datacenter for receiving remote configuration commands for logging and sonde setup.

The water quality monitor shall be able to utilize WQData LIVE web-based email alerts triggered based on parameter limits.

The water quality monitor shall be Series G2-EXO as manufactured by NexSens Technology, Inc. or approved equal.