

## **WQData LIVE Web Datacenter**

A web datacenter shall be provided for project and data management on the (Specify Project).

The web datacenter shall provide 24/7 instant access to environmental data for project personnel.

The web datacenter shall be a secure, password-protected website.

The web datacenter shall include an interactive map interface that allows for quick viewing of the most recent site data.

The web datacenter shall allow users to be added as Administrators with the ability to edit the website theme, photos and descriptions or as Collaborators with access only to view data and submit forms.

The web datacenter shall provide remote 2-way communication with X2-Series data loggers via Wi-Fi, cellular, or Iridium satellite telemetry.

The web datacenter shall have a project dashboard that allows users to customize the home page with project-specific maps, graphs, data tables, photos, and text boxes.

The web datacenter shall display data in customizable graphical and tabular formats with the ability to save daily, weekly, and monthly reports.

The web datacenter shall have the ability to manually or automatically send data via email and FTP and to download data in an Excel-compatible CSV format.

The web datacenter shall include a fully documented application programming interface (API) that allows external sources to access data.

The web datacenter shall allow configuration of alarms and alerts to notify project personnel via email or text message when parameters exceed defined threshold conditions.

The web datacenter shall provide a public portal to grant limited access to the general public through a public website, slideshow presentation view or web applet.

The web datacenter shall provide a media archive for upload of site photos and videos.

The web datacenter shall be WQData LIVE from NexSens Technology, Inc. or approved equal.