

# Alert Plus

The Aegis 400 is a **Continuous Remote Emission Monitoring System (CREMS)** equipped with multiple sensors for continuous detection and site monitoring.



The Aegis 400 Air Quality Monitor (AQM) is an autonomous, highly configurable, microprocessor based, flexible and easy to use multi-channel gas monitor. Housed in a NEMA 4X enclosure with an independent communication RTU, the Aegis AQM can be placed in remote locations to provide real-time data. Each Aegis 400 AQM has a dedicated IP address and simultaneously displays real-time wind speed & direction, temperature along with selected gas(es). The data from each monitor can be available privately to the client or integrated into a web page with the data from each monitor included in one simple graphic interface similar to a weather page. Each monitor has its own RTU and solar power package allowing for complete individual autonomy that can tie into most wireless networks including cell phone technology.

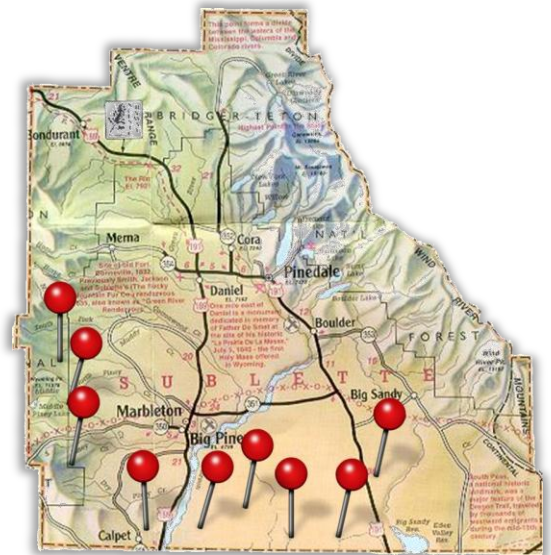
## Summary of Features

- Fully autonomous, real-time monitoring in remote locations.
- Can send emails or text alerts and has a dedicated IP address for monitoring & recording.
- Weather proof NEMA 4X enclosure.
- Operates in extreme temperatures (120°F to -40°F) and humidity 0-95% non-condensing.
- Possible sensors for environmental management:
  - **Ozone** 2 to 250,000 ppb EPA Federal Equivalent Method (FEM)<sup>1</sup>
  - **NO<sub>x</sub>** 0 to 10,000 ppb<sup>2</sup>
  - **Methane** 0-100%
  - **Wind** direction and speed
  - *and* long-term **ground water** quality monitoring<sup>3</sup>

<sup>1</sup> 2B Technologies Model 205 Dual Beam Ozone Monitor™ EPA FEM

<sup>2</sup> 2B Technologies Model 405 nm NO<sub>2</sub>/NO/NO<sub>x</sub> Monitor™ EPA FEM

<sup>3</sup> In-Situ Aqua TROLL®



*An Inexpensive Fenceline Monitoring  
Solution in Remote Locations*

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