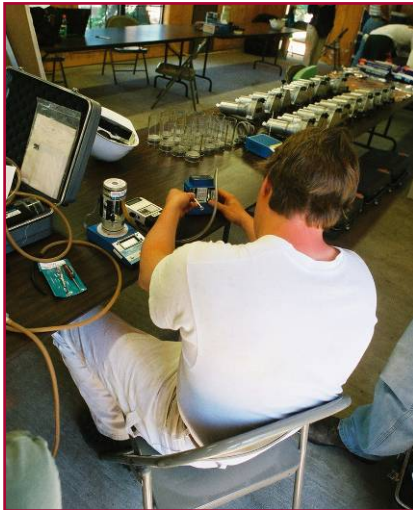




## Summary of Recent Projects

Area of Work: *Environmental Studies*

### Project Description: Ambient Air Monitoring Program Design and Implementation



**AquAeTer** provided the following services to its client for this ambient air quality monitoring project:

- Pre-sampling strategic planning;
- Area reconnaissance for sampling station location;
- Partnering with sampling equipment suppliers to accomplish implementation of five independent sampling methods, and;
- QA/QC of results.

**AquAeTer** was retained by this client to design a sampling network, identify applicable air sampling methods, develop and implement a work plan, oversee and validate data quality, and provide technical reports for use as a basis for legal arguments. The data were to be used as part of determining impacts to the surrounding communities from releases of polycyclic aromatic hydrocarbons (PAHs) through the air pathway. The resultant data were reviewed and validated, and technical reports were provided for use as evidence. The complex studies simultaneously employed five different U.S. Environmental Protection Agency approved methods over three consecutive 24-hour sampling periods. The study quantified ambient concentrations of several compounds including PAHs, volatile organic compounds, metals, phenolics and dioxins/furans from the use of wood preservative pesticides including creosote, pentachlorophenol, and CCA. The data were used in the courtroom for defense of the industry.



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