



NJ PAM Monitoring Package

We've designed a NJDEP PAM Monitoring package using the latest in hardware and software technology to make monitoring easy. Weatherproof monitors arrive fully assembled, with tripod, 15-hour lightweight battery pack and connection to Aeroqual cloud for automated data collection, presentation, alerts and PDF reporting.

Same day courier to any site in NJ/NYC, with 24/7 remote support and a large inventory of systems ready for delivery anytime. Set-up in less than 2 minutes.

Data Management and Reporting

BENEFITS

- ▶ Daily AUTOMATED Compliance Reports scheduled to your email
- ▶ Automatically assign UW/DW stations AND calculate site contribution
- ▶ 15 min averages for VOCs and PM10 (rolling and standard)
- ▶ SMS/Email alerts for site exceedances and to monitor hardware health
- ▶ PDF Report and detailed CSV file of all data



ace		Air Monitoring Report				Keeney Point Remediation																																																																																						
		Report Period:																																																																																										
		From: 9/11/2023 00:00																																																																																										
		To: 9/11/2023 23:59																																																																																										
		PM10 Action Level: 150.0 µg/m³																																																																																										
		VOC Action Level: 0.00 ppm																																																																																										
Daily Environmental Summary		Windspeed (mph)		Prevailing wind direction																																																																																								
9/11/2023		1.5-23.8		ENE																																																																																								
Daily Monitoring Summary		PM10 (µg/m³)	Time	VOC (ppm)	Time																																																																																							
Min Contribution (15 min avg) - 9/11/2023		-2.8	20:15	-0.01	18:00																																																																																							
Max Contribution (15 min avg) - 9/11/2023		50.0	22:30	0.00	04:00																																																																																							
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INDUSTRIAL PC/MODEM INSIDE

- ▶ Internal back up and cloud sync
- ▶ No data gaps if 4G signal is interrupted



VOC ANALYSER MODULE

- ▶ Field calibrate every 1 – 3 months
- ▶ Baseline correction and humidity control



WEATHERPROOF DESIGN

- ▶ Outdoor install all year around
- ▶ Extended heated PM inlet (rain/humidity protection)



PORTABLE LIFEPO4 BATTERY PACK

- ▶ 15 or 28 hours of operation
- ▶ Lightweight and reliable



SPECTO UPGRADES

- ▶ Ultrasonic Weather Station
- ▶ Noise/Vibration/Automated SUMMA Activation



CUSTOMERS THAT RELY ON SPECTO TECHNOLOGY

AECOM

ARCADIS

GEI
consultants

GZA

HALEY
ALDRICH

Stantec

HNTB

JACOBS

Kiewit

LA
DWP

LANGAN

Terracon

NIOSH

PC&E

RAMBOLL

ROUX

sixense

TESLA