

Community Air Monitoring Plan Appendix I

California Statewide Mobile Monitoring Initiative (SMMI)
List of Pollutants and Methods



August 2025



The Statewide Mobile Monitoring Initiative is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities.

Aclima Mobile Platform

Organization	Pollutant/Parameter	Method
Aclima	Nitrogen Dioxide (NO ₂)	Aclima Mobile Node NO ₂ - Electrochemical Sensor, detected as O ₃ + NO ₂ , with calculated by difference in combination with method amn-o3 (1003)
Aclima	PM _{2.5} - Local Conditions	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Ozone	Aclima Mobile Node O ₃ - UV Absorption at 0.5 Hz, interpolated to 1 Hz
Aclima	Nitric Oxide (NO)	Aclima Mobile Node NO - Electrochemical, with running baseline correction
Aclima	Carbon Dioxide (dry mixing ratio)	Aclima Mobile Node CO ₂ - Non-dispersive IR Absorption.
Aclima	Carbon Monoxide	Aclima Mobile Node CO - Electrochemical
Aclima	Total Volatile Organic Compounds	Aclima Mobile Node VOC - photoionization detection, calibrated as iso-butylene
Aclima	Particle Number, 0.3-0.5 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 0.5-0.7 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 0.7-1.0 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 1.0-1.5 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 1.5-2.0 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 2.0-2.5 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter
Aclima	Particle Number, 2.5-10 µm	Aclima Mobile Node PM _{2.5} - Optical Particle Counter

Organization	Pollutant/Parameter	Method
Aclima	Black Carbon PM _{2.5} at 880 nm	Aclima Mobile Node BC - Aethalometer, using 2.5um size cut cyclone
Aclima	UV Carbon PM _{2.5} at 375 nm	Aclima Mobile Node BC - Aethalometer, using 2.5um size cut cyclone
Aclima	Ethane (dry mixing ratio)	Aclima Mobile Node Methane/Ethane - Mid-IR Laser Absorption, temperature stabilized.
Aclima	Methane (dry mixing ratio)	Aclima Mobile Node Methane/Ethane - Mid-IR Laser Absorption, temperature stabilized.
Aclima	Wind Speed - Resultant	2 dimensional sonic anemometer
Aclima	Wind Direction - Resultant	2 dimensional sonic anemometer

UC Berkeley Mobile Lab

Organization	Pollutant/Parameter	Method
Berkeley	Benzene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Toluene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Sum of Ethylbenzene and Xylenes	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Acrolein	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Methane Thiol	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Dimethyl Sulfide	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer

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Organization	Pollutant/Parameter	Method
Berkeley	Napthalene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Sum of Acetone and Propanone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Methyl Ethyl Ketone aka 2-butanone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Methyl Vinyl Ketone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Berkeley	Carbon dioxide (CO ₂)	Non Dispersive Infrared Photometry
Berkeley	Water (H ₂ O Mole Ratio by Volume)	Non Dispersive Infrared Photometry
Berkeley	Ozone (O ₃)	UV absorption photometry/UV 2B model 202 and 205
Berkeley	Nitrogen dioxide (NO ₂)	Aerodyne Cavity-Attenuated Phase-Shift (CAPS) spectroscopy NO ₂ Analyzer
Berkeley	Nitrogen dioxide (NO ₂)	Ecophysics nCLD 855 Y Nitrogen Oxides Analyzer
Berkeley	Nitric Oxide (NO)	Ecophysics nCLD 855 Y Nitrogen Oxides Analyzer
Berkeley	Oxides of Nitrogen (NO _x)	Ecophysics nCLD 855 Y Nitrogen Oxides Analyzer
Berkeley	Methane (CH ₄)	Aeris MIRA Ultra CH4
Berkeley	Ethane	Aeris MIRA Ultra CH4
Berkeley	Water (H ₂ O Mole Ratio by Volume)	Aeris MIRA Ultra CH4
Berkeley	Carbon Monoxide (CO)	Aeris MIRA Ultra CO
Berkeley	Nitrous Oxide (N ₂ O)	Aeris MIRA Ultra CO
Berkeley	Water (H ₂ O Mole Ratio by Volume)	Aeris MIRA Ultra CO
Berkeley	PM _{2.5} - Local Conditions	Palas Fidas 200
Berkeley	PM ₁ - Local Conditions	Palas Fidas 200
Berkeley	PM ₁₀ - Local Conditions	Palas Fidas 200

Organization	Pollutant/Parameter	Method
Berkeley	Relative Humidity	Airmar WX200
Berkeley	Average Ambient Pressure	Airmar WX200
Berkeley	Average Ambient Temperature	Airmar WX200
Berkeley	Wind Speed - Resultant	Airmar WX200
Berkeley	Wind Direction - Resultant	Airmar WX200

UC Riverside/Houston/Baylor Mobile Lab

Organization	Pollutant/Parameter	Method
Riverside	Benzene	PTR-MS
Riverside	Benzene	AROMA cavity ring down
Riverside	Toluene	PTR-MS
Riverside	Toluene	AROMA cavity ring down
Riverside	Isoprene	PTR-MS
Riverside	Isoprene	AROMA cavity ring down
Riverside	Ethylene Oxide	AROMA cavity ring down
Riverside	Xylene(s)	PTR-MS
Riverside	Monoterpenes	PTR-MS
Riverside	Formaldehyde	Picarro cavity ring down
Riverside	Methane	Picarro cavity ring down
Riverside	Aromatics	AROMA cavity ring down
Riverside	Mass-to-charge ratio (m/z) 27	HR-ToF-AMS
Riverside	m/z 28	HR-ToF-AMS
Riverside	m/z 43	HR-ToF-AMS

Organization	Pollutant/Parameter	Method
Riverside	m/z 44	HR-ToF-AMS
Riverside	m/z 57	HR-ToF-AMS
Riverside	Particle Number, Total Count	Condensation Particle Counter
Riverside	Light Absorption Coefficient	Tricolor Absorption Photometer
Riverside	Particle Light Scatter	TSI Nephelometer
Riverside	Particle size distribution	Portable optical particle spectrometer
Riverside	Ozone	chemiluminescence
Riverside	Ozone	UV absorption
Riverside	Carbon Monoxide	Off-Axis Integrated Cavity Output Spectroscopy
Riverside	Carbon Dioxide	IR absorption
Riverside	Nitric Oxide	Chemiluminescence
Riverside	Oxides of Nitrogen	Photolytic-Chemiluminescence
Riverside	Reactive Oxides of Nitrogen	Chemiluminescence with heated Mo converter
Riverside	Reactive Alkenes	Chemiluminescence
Riverside	Mixing Height	IR lidar
Riverside	PM2.5 (SMPS)	Scanning Mobility Particle Sizer (SMPS)
Riverside	PM10 (APS)	Aerodynamic Particle Sizer (APS)

Aerodyne Research Mobile Lab

Organization	Pollutant/Parameter	Method
Aerodyne	Relative Humidity	Sonic Anemometer
Aerodyne	Average Ambient Pressure	Sonic Anemometer
Aerodyne	Average Ambient Temperature	Sonic Anemometer

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Organization	Pollutant/Parameter	Method
Aerodyne	Wind Speed - Resultant	Sonic Anemometer
Aerodyne	Wind Direction - Resultant	Sonic Anemometer
Aerodyne	wind vector - resultant	Sonic Anemometer
Aerodyne	wind vector - resultant	Sonic Anemometer
Aerodyne	Benzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Toluene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Ethylbenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	o-Xylene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	m/p Xylene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	Bromomethane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,3-Butadiene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Parachlorobenzo-trifluoriade (PCBTF)	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,3-dichloropropene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	n-Propane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Propene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	n-Butane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Isobutane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	n-Pentane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Isopentane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	n-Octane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	2,2,4-Trimethylpentane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	1,2,4-Trimethylbenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,3,5-Trimethylbenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,2,3-Trimethyl benzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Methyl Ethyl Ketone	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Isoprene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Alpha-Pinene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	Acetone	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Chloroform	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Benzyl chloride	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Ethyl acetate	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,4-dioxane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Vinyl chloride	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	Trichloroethylene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Tetrachloroethylene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,1-dichloroethane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,1,2-trichloroethane	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,1-dichloro ethene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	2-hexanone	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	Acrylonitrile	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,2-dichlorobenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,3-dichlorobenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	1,4-dichlorobenzene	Aerodyne GC-EI-ToF-MS: Collection: Preconcentration adsorbent trap, Analysis: thermal desorption gas chromatograph mass spectrometer
Aerodyne	Benzene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Toluene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Xylene(s)	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer

Organization	Pollutant/Parameter	Method
Aerodyne	Acrolein	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Methanethiol	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Dimethyl sulfide	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Naphthalene	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Acetone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Butryl-aldehyde & Methyl Ethyl Ketone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Methyl Vinyl Ketone	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	c5carbonyls	Aerodyne Vocus Proton Transfer Reaction Time-of-Flight Mass Spectrometer
Aerodyne	Sulfate PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization

Organization	Pollutant/Parameter	Method
Aerodyne	Nitrate PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Chloride PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Organic Carbon Mass PM _{2.5} Local Conditions	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Ammonium Ion PM _{2.5} STP	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Black carbon PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Lead PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Arsenic PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Aluminum PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization

Organization	Pollutant/Parameter	Method
Aerodyne	Chromium PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Cadmium PM _{2.5} STP (standard temperature and pressure)	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Particle Number, Total Count	Butanol-based condensation particle counter, TSI 3775
Aerodyne	Select PM _{2.5} Polycyclic Aromatic Hydrocarbons	Aerodyne Soot-Particle Aerosol Mass Spectrometer: Vaporization followed by EI ionization
Aerodyne	Potassium PM _{2.5} Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Titanium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Antimony PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Arsenic PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Barium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION

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Aerodyne	Bromine PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Cadmium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	CaLocal Conditions PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Chromium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Cobalt PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Copper PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Iron PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Lead PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Manganese PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Mercury PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION

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Organization	Pollutant/Parameter	Method
Aerodyne	Nickel PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Selenium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Silver PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Thallium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Tin PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Vanadium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Zinc PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Aluminum PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Silicon PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Phosphorous PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION

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Aerodyne	Sulfur PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Chlorine PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Gallium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Germanium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Rubidium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Strontium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Yttrium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Zirconium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Niobium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Molybdenum PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION

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Organization	Pollutant/Parameter	Method
Aerodyne	Palladium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Indium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Tellurium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Iodine PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Caesium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Lanthanum PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Cerium PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Platinum PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Gold PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION
Aerodyne	Bismuth PM ₁₀ Local Conditions	X-RAY FLUORESCENCE XRF INSTRUMENTATION

Organization	Pollutant/Parameter	Method
Aerodyne	Carbon dioxide	Non Dispersive Infrared Photometry
Aerodyne	Ozone	UV absorption photometry/UV 2B model 202 and 205
Aerodyne	Nitrogen dioxide (NO ₂)	Aerodyne Cavity-Attenuated Phase-Shift (CAPS) spectroscopy Nitrogen Oxides Analyzer
Aerodyne	Oxides of nitrogen (NO _x)	Aerodyne Cavity-Attenuated Phase-Shift (CAPS) spectroscopy Nitrogen Oxides Analyzer
Aerodyne	Formaldehyde	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	Ethylene oxide	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	Methane	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	Carbon monoxide	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	Water	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	Ethane	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)

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Aerodyne	Nitrous Oxide	Aerodyne Tunable Infrared Direct Absorption Spectroscopy (TILDAS)
Aerodyne	PM _{2.5} - Local Conditions	Alphasense OPC-N3
Aerodyne	PM ₁ - Local Conditions	Alphasense OPC-N3
Aerodyne	PM ₁₀ - Local Conditions	Alphasense OPC-N3