

(a) Laboratory Analyses Fees*	
Type of Test	Fee
(1) Particle Analysis (A) Microscopic Identification (B) Micro-Fourier Transform Infrared Spectroscopy (C) X-Ray Diffraction (D) Particle Size Determination (i) by microscopy (ii) by sieve (E) Energy Dispersive X-Ray - microprobe	\$170.98 / hour of analysis \$253.48 / particle \$253.48 / sample \$170.98 / hour of analysis \$170.98 / sample As charged by outside laboratory (charge pass through)
(2) Asbestos (Bulk Samples) (A) PLM (B) Point Counting (C) TEM, Quantitative (D) TEM, Qualitative (E) X-Ray Diffraction	\$170.98 / sub-sample \$170.98 / sub-sample As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) \$377.83 / sub-sample and/or layer
(3) Asbestos (Bulk Samples) (A) TEM - 12-hour turnaround (B) TEM - 1-day turnaround (C) TEM - 2-day turnaround	As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through)
(4) Vapor Pressure Tests (A) Reid Vapor Pressure (B) Isoteniscope (C) Speciation of Components in each sample (D) Calculation	\$113.75 / sample As charged by outside laboratory (charge pass through) \$438.00 for five or fewer compounds \$51.94 for each additional compound \$305.61 / sample
(5) Fuel Analysis (A) Metals (Pb in gasoline) (B) Ash (C) Water and Sediment (D) Density (E) Heat Content (F) Water (G) Bromine Number (H) Sulfur (i) In Fuel Gas (ii) In Fuel Oil (by XRF) (I) Engler Distillation (J) Initial Boiling Point	\$312.86 / sample As charged by outside laboratory (charge pass through) \$41.29 for each additional sample As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) \$156.44 / sample As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) \$365.16 / sample As charged by outside laboratory (charge pass through) \$124.70 / sample As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through) As charged by outside laboratory (charge pass through)
(6) VOC (Regulation XI) (A) Gravimetric Test (B) Density of Coating or Distillate (C) Gloss Testing (D) Gas Chromatograph / Mass Spectrometry Analysis (E) Photochemical Reactivity (i) Unknown (ii) Known (F) (E) Distillation (i) Normal (ii) Heavy Ink (G) (F) Water by Karl Fischer Titration (H) Emission Spectrograph Analysis (I) Gas Chromatograph/Mass Spectrometry (J) (G) VOC in pipe cements (K) (H) VOC in adhesives containing cyanoacrylates	\$170.98 / sample \$170.98 / sample \$170.98 / sample \$478.72 for five or fewer compounds \$56.77 for each additional compound \$626.14 / sample \$438.00 / sample \$124.71 / sample As charged by outside laboratory (charge pass through) \$177.04 / sample As charged by outside laboratory (charge pass through) \$227.94 / sample \$156.44 / sample \$417.34 for five or fewer compounds \$41.24 for each additional compound \$1,169.71 / sample \$334.02 / sample
(7) For Certification Tests and Analyses not listed above, the fee shall be assessed at a rate of \$170.98 per person per hour or a prorated portion thereof.	
(8) In addition to the regular analysis fee, all expedite samples which require overtime work by staff shall be charged an additional time and a half fee based on the normal hourly rate of staff performing such work beyond the normal work schedule.	
(9) Time and material fees shall be charged for all samples sent to outside laboratories.	

*These fees are for laboratory analyses performed during weekdays only. FeeLabor costs (only when reported as "cost / hour") for laboratory analyses performed during weekends, Mondays and holidays are subjected to a 50% surcharge.

(b) Emissions Testing and Analyses Fees[^]		
Type of Test	Fee	
(1) Accuracy Confirmation Test of Continuous Emission Monitor	\$1,733.98	
(2) Continuous Gaseous Emission Testing with Mobile Source Testing Vehicle	\$2,259.28 plus \$193.88 / hour	
(3) Non-Continuous Emission Testing	\$2,122.10 plus fee listed below:	
	<u>Cost Per Sample</u>	
	<u>Specific*</u>	<u>Surcharge**</u>
(A) Moisture	\$307.70	\$227.94
(B) Particulate Matter	\$1,186.21	\$592.90
(C) Sulfur Dioxide	\$1,054.08	526.69
(D) Oxides of Nitrogen	\$524.61	\$159.28
(E) Carbon Monoxide	\$437.97	218.79
(F) Total Hydrocarbons	\$1,094.99	\$786.87
	(i) Hydrogen Sulfide	\$1,054.08
	(ii) Vinyl Chloride	\$456.13
(G) Gas Chromatograph / Mass Spectrometry for Unknown	\$456.13 for five or fewer compounds \$45.07 for each additional compound	
(H) High Volume Sampler (Fugitive Dust)	\$930.88	\$465.34
(I) Total Reduced Sulfur Compounds***	\$732.53	\$112.53
(J) Sample Preparation	\$56.77	\$33.79

^These fees are for installation and operation of equipment, and laboratory analyses during regular South Coast AQMD operational working hours. Labor costs (only when reported as "cost / hour") for installation and operation of equipment, and laboratory analyses during weekends, Mondays and holidays are subjected to a 50% surcharge.

NOTE: Mileage fees will be charged on a case-by-case basis using current Internal Revenues Mileage Rates

* charge for first sample.

** charge for each additional sample, whether at the same or a different sampling location.

*** The Non-Continuous Emission Testing Fee will only be charged if SCAQMD personnel perform the sampling. In the case where the samples are taken by contractor personnel (for compliance) or facility staff (for information only), only the sample analysis fee is applicable.

(c) Ambient Air Analyses Fees*	
Type of Test	Fee
<p>(1) Automatic-Recording Continuous-Ambient Air or Atmospheric Wind-Monitoring at a Fixed Site or Location</p> <p>(A) Installation of One (1) Wind-Monitoring System at One (1) Site.</p> <p>(B) Installation of Each Additional Wind-Monitoring System at the Same Site as (A).</p> <p>(C) Operation of One (1) Wind-Monitoring System at One (1) Site, Including Data Reduction QC review.</p> <p>(D) Operation of Each Additional Wind-Monitoring System at Same Site as (C), Including Data Reduction QC review.</p>	<p>\$1,140.69</p> <p>\$341.95</p> <p>\$227.94/ day</p> <p>\$79.72 / day</p>
<p>(2) Survey Measurement: Continuous Mobile Monitoring Measurements</p> <p>(A) Operation of The Optical Remote Sensing Mobile Laboratory (ORS-ML) for Measurements of Volatile Organic Compounds (VOCs) and Other Gaseous Pollutants. Fees include Data QC Review and Analysis</p> <p>(B) Operation of The Multi-Metal-Monitoring Platform (MMMP) for Measurements of Air Toxic Metals in Ambient Air. Fees include Data QC Review and Analysis</p> <p>(C) Operation of the Proton Transfer Reaction – Mass Spectrometry (PTR-MS) Platform for VOC Measurements. Fees include Data QC Review and Analysis</p> <p>(D) Operation of the Ambient Mobile Monitoring Platform (AAMP) for Measurements of Particle and Gaseous Air Pollutants Including Methane. Fees include Data QC Review and Analysis</p>	<p>\$4,726.28 / day</p> <p>\$3,542.08 / day</p> <p>\$6,659.42 / day</p> <p>\$2,831.56 / day</p>
<p>(3) Survey Measurement: Monitoring with Portable Instrumentation and Grab Sample Collection</p> <p>(A) Operation of Portable Instrumentation for Survey Monitoring of Particle and Gaseous Pollutants, 10 Hours Per Day, at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility), Including Data QC Review at Analysis</p> <p>(B) Collection of Grab Samples for Laboratory Analysis of Gaseous Pollutants, 10 Hours Per Day, at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility)</p>	<p>\$1,013.60 / day</p> <p>\$1,013.60 / day plus lab analysis</p>
<p>(2) (4) Ongoing Air Monitoring Effort: Continuous Automatic-Recording Ambient Monitoring in Mobile Mode at a Fixed Site or Location</p> <p>(A) Installation of One (1) Continuous Monitor for Single- or Multi-Pollutants Measurements at One (1) Site Instrument and Wind-Monitoring System in Mobile Van.</p> <p>(B) Installation of Each Additional Instrument in Mobile Van. Continuous Monitor for Single- or Multi-Pollutants Measurements at the Same Site (A)</p> <p>(C) Operation of One (1) Continuous Monitor for Single- or Multi-Pollutants Measurements Instrument and Wind-Monitoring System in Mobile Mode, 10 Hours Per Day, Weekdays Only, at One (1) Site, Including Data QC Review and Analysis</p> <p>(D) Operation of One (1) Instrument and Wind-Monitoring System in Mobile Mode, 10 Hours Per Day, Weekends and Holidays at One (1) Site.</p> <p>(E) (D) Operation of Each Additional Continuous Instrument, Other Than Those Already Installed, in Mobile Van.</p>	<p>\$1597.49 plus site development</p> <p>\$570.12 plus site development</p> <p>\$867.02 / day</p> <p>\$256.66 / day</p> <p>\$79.72 / day</p>
<p>(3) (5) Continuous Non-Recording Ongoing Air Monitoring Effort: Time-integrated Ambient Sampling with Laboratory Analysis of Sample Collected at a Fixed Site or Location for Laboratory Analysis (Weekdays Only).</p> <p>(A) Installation of One (1) 24-Hour Time-integrated (e.g., 24-Hour) Sampler for Particle or Gaseous Pollutants (Bag or Sequential Impinger).</p> <p>(B) Installation of Each Additional 24-Hour Time-integrated (e.g., 24-Hour) Sampler for Particle or Gaseous Pollutants at Same Site as (A).</p> <p>(C) Operation of One (1) 24-Hour Time-integrated Sampler for Particle or Gaseous Pollutants and Analysis for One (1) Contaminant Per Sample.</p>	<p>\$1,140.69 plus lab analysis and site development</p> <p>\$912.5 plus lab analysis and site development</p> <p>\$399.17 / day</p> <p>\$83.05 for each additional contaminant</p>

	(D) Operation of Each Additional 24-Hour Time-integrated Sampler for Particle or Gaseous Pollutants at Same Site as and Analysis for Same Contaminant in (C).	\$148.01 / day
		\$62.24 for each additional contaminant
	(E) Operation of 24-Hour, Sequential Impinger Sampler and Spectrophometric Analysis:	\$730.60 / day for up to 12 samples
		\$312.87 for each additional set of 12 samples
	(F) (E) Installation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour Samples.	\$1,368.88 plus site development
	(G) (F) Operation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour Samples for One (1) Contaminant.	\$684.54 / day
	(H) (G) Sample Preparation or Extraction Prior to Analysis.	\$227.94 / day for up to 12 samples
	(I) (H) Spectrophometric Analysis of Each Sample Collected in (G) From Any Number of Samplers Operated for Same Project on Same Day.	\$113.75 for first sample or contaminant
		\$45.07 for each additional sample or contaminant
	(J) (I) Analysis of Each Sample Collected in (G) For Particulates.	\$136.29 for first sample
		\$79.60 for each additional sample
	(K) (J) Gas Chromatograph/Mass Spectrometry Identification for Any Sample Collected Above.	\$227.94 for five or fewer contaminants
		\$22.51 for each additional contaminant
	(L) Additional Fees for Sample Pick-up and Analysis After Normal Weekday Working Hours:	\$104.07 additional / hour for each hour exceeding 8-hour normal week day for sample pick-up or collection \$1,670.20 additional / day for weekends and holidays requiring sample pick-up and analysis same day
		\$2,087.96 additional / day for weekends and holidays requiring manual sample collection and analysis same day
(6) Site Development and Decommissioning	Field Assessment to Identify Potential Site Location(s)	\$1,214.90 / day
	Establishing Access Agreement(s) and Securing Site Location(s)	\$1,372.28
	Temporary Fencing, Electrical Permits, Installation of Temp Power, and Other Site Development and Decommissioning Costs	As charged by outside contractor (charge pass through)
(4) Meteorological Monitoring	(A) Conduct Upper Air Observation via Radio or Airsonde:	\$730.63
	(B) Conduct Low Level Air Observation via Tethersonde (8-Hour Program):	\$4,179.95
	(C) Conduct Pilot Balloon Observation (Pibal):	\$4,179.95 / release
(5) Landfill Integrated Surface Sampling Program, per Rule 1150.1 Guidelines	(A) Conduct Less Than 24 Hour, Integrated Surface Sampling Program Over three (3) 50,000 Square Foot Grids. Program Includes: Installation and Operation of Wind Monitoring System; Set-Up of Sample Grid Areas; Conduct of Sampling Sweeps; and Analysis for One (1) Contaminant Per Sample Bag.	\$3,132.01 / grid
	(B) Conduct Less Than 24 Hour, Integrated Landfill Surface Sampling Program Over Each Additional 50,000 Square Foot Grid At The Same Site as (A):	\$678.25
(6) SF6 Gas Tracer Study	(A) Conduct SF6 Gas Tracer Study with up to Sixty (60) Samples, Including Installation and Operation of a Wind Monitoring System and Tethersonde Observations:	\$22,969.66
	(B) Collection and Analysis of Each Additional Sample for (A):	\$104.07

*These fees are for installation and operation of equipment, and laboratory analyses during regular South Coast AQMD operational working hours.

Labor costs (only when reported as "cost / day") for installation and operation of equipment, and laboratory analyses during weekends, Mondays and holidays are subjected to a 50% surcharge.

NOTE: Mileage fees will be charged on a case-by-case basis using current Internal Revenues Mileage Rates

Recovery costs for conducting one mobile monitoring survey with ORS Mobile Laboratory (ORS ML)						
	hrs	# of staff	Staff position	\$/hr or \$/deployment	Details	Notes/Comments
Field monitoring	10	2	AQS	\$118.42	for 6-hr measurements	10 hours includes staff time for transit, instrument spin-up, etc. for 6 hours of measurements
Data validation	6	1	AQS	\$118.42	approximately 1 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes data processing and QA/QC
Data analysis	6	1	AQS	\$118.42	approximately 1 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes basic trends analysis (winds + other sources) and prep. of presentation materials (as needed)
Data approval	2	1	Prog. Sup.	\$135.56		includes data review and preparation of presentation materials (as needed)
	0.5	1	Atm. Meas. Mg.	\$149.71		
	0.25	1	ADEO	\$176.80		
	0.25	1	DEO	\$186.65		
Consumables				\$300		
Depreciation				\$929		based on depreciation amount of \$120,000/yr for 10-yr depreciation cycle
Calibration and maintenance				\$200	1 day of measurements	based on available annual service/maintenance/license costs
Total				\$4,726.28		

Recovery costs for conducting one mobile monitoring survey with Multi-Metal-Monitoring Platform (MMMP)						
	hrs	# of staff	Staff position	\$/hr or \$/deployment	Details	Notes/Comments
Field monitoring	10	1	AQS	\$118.42	for 6-hr measurements	10 hours includes staff time for transit, instrument spin-up, etc. for 6 hours of measurements
Data validation	6	1	AQS	\$118.42	approximately 1 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes data processing and QA/QC
Data analysis	6	1	AQS	\$118.42	approximately 1 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes basic trends analysis (winds + other sources) and prep. of presentation materials (as needed)
Data approval	2	1	Prog Sup	\$135.56		includes data review and preparation of presentation materials (as needed)
	0.5	1	Atm. Meas. Mg.	\$149.71		
	0.25	1	ADEO	\$176.80		
	0.25	1	DEO	\$186.65		
Consumables				\$300		
Depreciation				\$200		
Calibration and maintenance				\$200		
Total				\$3,542.08		

Recovery costs for conducting one mobile monitoring survey with PTR-MS van						
	hrs	# of staff	Staff position	\$/hr or \$/deployment	Details	Notes/Comments
Field monitoring	10	2	AQ Chemist	\$113.84	6 hr measurements	includes instrument startup (1hr), travel time to/from site (2hr), shut down and data retrieval (1hr)
Data processing	4	1	AQ Chemist	\$113.84	Standard reporting list only	Targeted-analysis: Mass calibration, data processing, response and calibrated time series, QA/QC
Data validation	2	1	Senior Chemist	\$120.47	Standard reporting list only	Merge, QA/QC
Data approval	2	1	Principal Chemist	\$135.56	Standard reporting list only	Includes data review and preparation of presentation materials
Unknowns Analysis	10	1	AQ Chemist	\$113.84	6 hrs of measurements	Non-targeted analysis: processing of all signals, advanced data analysis
Consumables					**e.g. list of consumables**	Gasoline, oil, filters
Direct calibration of new compound	12	2	AQ Chemist	\$113.84	Measurement time plus data analysis	From existing gas standard
Total				\$6,659.42		

Recovery costs for conducting one mobile monitoring survey ambient monitoring mobile platform (Ford Escape)						
	hrs	# of staff	Staff position	\$/hr or \$/deployment	Details	Notes/Comments
Field monitoring	10	1	AQS	\$118.42	for 6-hr measurements	10 hours includes staff time for transit, instrument spin-up, etc. for 6 hours of measurements
Data validation	3	1	AQS	\$118.42	approximately 0.5 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes data processing and QA/QC
Data analysis	3	1	AQS	\$118.42	approximately 0.5 hr per 1 hr of measurements	this is based on 6 hours of measurements, includes basic trends analysis (winds + other sources) and prep. of presentation materials (as needed)
Data approval	2	1	Prog Sup	\$135.56		includes data review and preparation of presentation materials (as needed)
	0.5	1	Atm. Meas. Mg.	\$149.71		
	0.25	1	ADEO	\$176.80		
	0.25	1	DEO	\$186.65		
Consumables				\$300		
Depreciation				\$200		
Calibration and maintenance				\$200		
Total				\$2,831.56		

Additional Notes on "(3) Survey Measurement: Monitoring with Portable Instrumentation and Grab Sample Collection"

Costs related to "(A) Operation of Portable Instrumentation for Survey Monitoring of Particle and Gaseous Pollutants at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility), Including Data QC Review at Analysis" were calculated assuming that one (1) AQIS II is conducting this type of work for 10 hours a day.

Costs related to "(B) Collection of Grab Samples for Laboratory Analysis of Gaseous Pollutants at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility)" were calculated assuming that one (1) AQIS II is conducting this type of work for 10 hours a day.

Additional Notes on "(4) Ongoing Air Monitoring Effort: Continuous Ambient Monitoring at a Fixed Site or Location"

Costs related to "(C) Operation of One (1) Continuous Monitor for Single- or Multi-Pollutants Measurements at One (1) Site, Including Data QC Review and Analysis" are based on existing estimates included in the current version of the Rule 304.1 Table.

*These fees are for installation and operation of equipment during weekdays only. Fee labor costs (only when reported as "cost / hour") for installation and operation of equipment during weekends and holidays are subjected to a 50% surcharge.