

## Instrument

924, 925, 910A/PC

AIRVISION DATA MANAGEMENT CLIENT

AISI: Coefficient of Haze analyzer

API gasses E and T series 100/200/300/400

API 100

API 100A SO<sub>2</sub>

API 100E SO<sub>2</sub>

API 100EU

Model T101 H<sub>2</sub>S/SO<sub>2</sub>/TRS analyzer

T100U

API 200

API 200A NO<sub>x</sub>

API 200E NO<sub>x</sub>

API T200U (nox)

API 200EU NO<sub>x</sub>

API 200UP

API 300 CO

API 300E

API 300EU

T300

API T265 OZONE

API O3

API 400

API 400A OZONE

API 400E

API T400 OZONE

API 400E OZONE

T400

Teledyne 401 (o3 calibrator)

Model 501TS Thermal Converter

API 700E CALIBRATOR

API T700

TAPI T700u

Model T700U Gas Calibrator, Trace level

API T703 CALIBRATOR

API 703E CALIBRATOR

API T703U CALIBRATOR

API calibrator w/photometer

API 701H ZAG

Teledyne 701H ZERO AIR GENERATOR

API 701 zero Air

API pure air generator

API instrument software

API Teledyne CPC ultrafine continuous monitor

A TEC 8000 (carbonyl)

BGI PQ200 single Filter E-Sampler

CAMPBELL CR1000 CR800 DATALOGGERS

Campbell Scientific 21x, CR1000 Data Loggers

Campbell datalogger

Cahn Microbalance

CARBLogger

Charlton Gas Dilution System

Chessel Eurotherm data recorders

Climatronics F460

Climatronics WD 102139

Climatronics WS 100075

Climatronics ws/wd/BP/temp

Dasabi 1008

DASIBI 3008 (CO)

Dasibi 5009CP

Dasibi O3

Delta Cal air flow calibrator

Dust Trak

Ecotech Zero Air Generator

Ecotech: Nephelometer M9003

E-DAS

ENVIDAS DATALOGGER

ENVIRONICS 6100 CALIBRATOR

ENVIRONICS 9100 CALIBRATOR

Environics 9100 gas calibration system

E-Sampler

ESC 8800 datalogger

ESC 8816 datalogger

ESC 8832 DATALOGGER

Agilaar 8872 datalogger

AGILAR/ESC 8832 LOGGER

AGILARE/ESC 8816 LOGGER

Gastech CO2 Monitor

Grimm 180

Gillian Gilibrator 2 - bubble flow meter (calibrator)

HI-Q Environmental air sampler for asbestos and fiberglass m

HOBO data logger and sensors

Horiba CO

Jerome 631 H2S analyzer

LGR

Marama instrument software

McGee Scientific Aethalometer (black carbon)

MET CALIBRATION EXPERTISE

Met One 010C

Met One 020C

Met One 060A, aspirated

METONE 50.5 SONIC WIND SENSOR

METONE EBAM

MetOne SASS

MetOne sensors

METONE SHIELDS

METONE TEMP PROBES

MetOne Temp/rH 064/083

Met One rH

METONE TRANSLATOR BOX

BAM 1020

minivol pm samplers

MRI: Nephelometer 1550B

PAMS PROGRAM

PARTISOL 2000

R &P 2000H

PARTISOL 2025

Partisol 2025i

R&P instrument software

R&P TEOM

Picarro Green House Gas Monitors

PM10 Hvol

r (PROGRAMMING LANGUAGE FOR STATISTICS AND GRAPHICS

RAAS FRM samplers

Radian/Vaisala/DeTect atm Profiler LAP-3000

RM Young 05305 wind sensor

RM Young 3D Met Sensor

RM Young Sonic Anemometer

RMY



RAC A.I.S.I. Sampler

Sabio 2010D calibrator

sass

SIERRA ANDERSON DICHOT

STATION SET UP KNOWLEDGE

Synspec BTEX continuous analyzer

Tanabyte 300

TEOM1400

Therm NOY

thermo 111 zero air generator

Thermo 1405F TEOM

Thermo 146i calibrator

thermo 42i (no2)

42iY

42CY

thermo 43i (so2)

43i-TLE

43A

thermo 48

thermo 48i (co)

48i TLE

thermo 49i (o3)

Thermo NOX

Thermo SO2

Thermo TSCO 55

TECO 55C

TECO 42C (NO2)

TECO 48 (CO)

TEI 43C (SO2)

TEI 49C (o3)

Tisch Puf

Tisch TSP (lead)

URG 3000N CARBON SAMPLER

URG 3000NPM2.5

USGS/NADP Acid Rain Site

Vaisala 155

Vaisala HMP45A

Yokogawa DR240 Hybrid Recorder

**Bay Area Info**

**Primary and Back-up work assignments for North Zone –**

**Revision 2014.4.10**

<b>Station</b>
Oakland West <b>1027</b>
Pt Richmond <b>2013</b>
Martinez <b>2014</b>
Crockett <b>2017</b>
Richmond 7 <sup>th</sup> <b>2019</b>
Bethel Island <b>2021</b>
Rodeo <b>2034</b>
San Pablo <b>2035</b>
Concord <b>2036</b>
San Rafael <b>3005</b>
Ft. Cronkhite <b>3007</b>
Forest Knolls <b>3009</b>
Napa <b>4001</b>
SF Arkansas <b>5011</b>
Vallejo <b>8004</b>
Fairfield <b>8007</b>
Sebastopol <b>9005</b>

Station Operator and Back-up work assignments for South Zone – €

Station	
SJ-Jackson	7032
San Jose Knox Ave 703X pending	
Gilroy 7015	
San Martin 7022	
RH Airport 7038	
Oakland Laney 1029	
Oakland East	1025
Fremont store 1014	
Hayward	1015
PA Airport 7037	
SC Airport 6008	
Redwood City	6004
Los Gatos	7006
Livermore	1023
Patterson Pass 1028 PAMS	
San Ramon 2037 PAMS	
Oakland East Repair	
Oak-East Stockrm	
Oak-East Agilaire eval and develop	
Richmond ST	

## Districts who use(d)

South Coast  
San Diego County APCD

Northern Sonoma County APCD  
San Luis Obispo  
Santa Barbra County APCD

Lake County AQMD

Santa Barbra County APCD

CARB, San Luis Obispo  
South Coast

Mohave Desert AQMD

Mohave Desert AQMD

Sacramento Metropolitan AQMD

Lake County AQMD

San Luis Obispo

Mohave Desert AQMD  
CARB, San Luis Obispo

San Luis Obispo  
Imperial County APCD  
Ventura County APCD

Mohave Desert AQMD  
Kern County  
CARB, Santa Barbra, Santa Maria  
San Joaquin Valley APCD  
Northern Sierra AQMD

San Luis Obispo

Ventura County APCD

Sacramento Metropolitan AQMD

Mohave Desert AQMD  
Ventura County APCD  
CARB, San Luis Obispo

Mohave Desert AQMD

CARB, Santa Barbra, Santa Maria  
Sacramento Metropolitan AQMD

Imperial County APCD  
CARB, Santa Barbra, Santa Maria  
South Coast

Mendocino County AQMD  
Lake County AQMD

Placer County APCD  
South Coast

Mohave Desert AQMD  
CARB, San Luis Obispo  
Shasta County AQMD  
Lake County AQMD

San Luis Obispo  
Shasta County AQMD  
Ventura County APCD  
Placer County APCD

Mendocino County AQMD  
Kern County  
CARB, Santa Barbra, Santa Maria  
Shasta County AQMD  
San Luis Obispo  
Sacramento Metropolitan AQMD

Mohave Desert AQMD  
Kern County  
CARB, Santa Barbra, Santa Maria  
Imperial County APCD  
San Luis Obispo  
Placer County APCD

Northern Sierra AQMD

San Joaquin Valley APCD  
Northern Sonoma County APCD

Ventura County APCD  
Sacramento Metropolitan AQMD  
Yolo-solano AQMD  
Siskiyou County APCD  
San Joaquin Valley APCD  
Ventura County APCD

Yolo-solano AQMD

Lake County AQMD

San Luis Obispo

Ventura County APCD

Sacramento Metropolitan AQMD  
Lake County AQMD

San Luis Obispo  
Placer County APCD

San Luis Obispo

Mendocino County AQMD

South Coast

Lake County AQMD  
CARB, San Luis Obispo  
Ventura County APCD  
Northern Sonoma County APCD

San Luis Obispo  
Sacramento Metropolitan AQMD

Mohave Desert AQMD  
San Luis Obispo  
CARB, Santa Barbra, Santa Maria

South Coast

South Coast

South Coast

South Coast

Great Basin Unified APCD

Mendocino County AQMD

Lake County AQMD

Tehama County APCD

Lake County AQMD

CARB, San Luis Obispo

Lake County AQMD

South Coast

North Coast Unified AQMD

Sacramento Metropolitan AQMD

Ventura County APCD

Ventura County APCD

Mohave Desert AQMD

Sacramento Metropolitan AQMD

Northern Sierra AQMD

CARB, San Luis Obispo

Siskiyou County APCD

Shasta County AQMD

Great Basin Unified APCD

CARB, San Luis Obispo

Lake County AQMD



San Luis Obispo  
South Coast

Mendocino County AQMD

Mendocino County AQMD

Northern Sonoma County APCD

Ventura County APCD  
CARB, Santa Barbra, Santa Maria  
CARB, San Luis Obispo

Yolo-solano AQMD  
Great Basin Unified APCD

South Coast

Mohave Desert AQMD  
CARB, San Luis Obispo  
South Coast  
Ventura County APCD

Northern Sonoma County APCD  
Santa Barbra County APCD

Santa Barbra County APCD

San Luis Obispo

San Luis Obispo  
Ventura County APCD  
South Coast

Lake County AQMD

North Coast Unifed AQMD

Lake County AQMD

Shasta County AQMD

Tehama County APCD

South Coast

Lake County AQMD

Kern County

South Coast

South Coast

San Luis Obispo

CARB, San Luis Obispo

CARB, San Luis Obispo

CARB, San Luis Obispo

Mendocino County AQMD  
Santa Barbra County APCD  
San Luis Obispo

Lassen County APCD  
North Coast AQMD  
San Diego County APCD  
Sacramento Metropolitan AQMD  
Monterey Bay Unified APCD  
Santa Barbra County APCD  
Mariposa County APCD  
Mendocino County AQMD  
Northern Sierra AQMD  
Lake County AQMD  
San Luis Obispo  
Siskiyou County APCD  
Tehama County APCD

Sacramento Metropolitan AQMD  
South Coast  
San Diego County APCD

Imperial County APCD  
Kern County

San Luis Obispo

San Luis Obispo

Ventura County APCD

Mohave Desert AQMD

San Luis Obispo

Eastern Kern APCD

Mohave Desert AQMD

Northern Sierra AQMD

Northern Sonoma County APCD

Placer County APCD

San Luis Obispo

Tehama County APCD

Yolo-solano AQMD

Imperial County APCD

Monterey Bay Unified APCD

North Coast Unifed AQMD

Sacramento Metropolitan AQMD

San Joaquin Valley APCD

Santa Barbra County APCD

Ventura County APCD

South Coast

CARB, San Luis Obispo

CARB, Santa Barbra, Santa Maria

San Diego County APCD

Lake County AQMD

Siskiyou County APCD

Lake County AQMD

San Luis Obispo

Mohave Desert AQMD

Northern Sierra AQMD

Lake County AQMD

Siskiyou County APCD

Monterey Bay Unified APCD

North Coast Unifed AQMD

Shasta County AQMD

San Joaquin Valley APCD

Eastern Kern APCD  
Northern Sierra AQMD  
Yolo-solano AQMD  
Imperial County APCD  
Sacramento Metropolitan AQMD  
San Joaquin Valley APCD  
South Coast  
San Diego County APCD  
Great Basin Unified APCD

San Joaquin Valley APCD

Great Basin Unified APCD

Mohave Desert AQMD  
Northern Sierra AQMD  
Great Basin Unified APCD

Kern County

Eastern Kern APCD  
Northern Sierra AQMD  
Placer County APCD  
Siskiyou County APCD  
Tehama County APCD  
Yolo-solano AQMD  
Imperial County APCD  
Sacramento Metropolitan AQMD  
San Joaquin Valley APCD  
South Coast  
Kern County

San Luis Obispo

South Coast

Ventura County APCD

Yolo-solano AQMD

Kern County

CARB, Santa Barbra, Santa Maria

CARB, San Luis Obispo

Lake County AQMD

CARB, San Luis Obispo

Northern Sierra AQMD

Northern Sierra AQMD

San Luis Obispo

South Coast

Sacramento Metropolitan AQMD

Sacramento Metropolitan AQMD

San Joaquin Valley APCD

San Joaquin Valley APCD

North Coast Unified AQMD

South Coast

South Coast

North Coast Unified AQMD

North Coast Unified AQMD

North Coast Unified AQMD

North Coast Unified AQMD

Sacramento Metropolitan AQMD

San Joaquin Valley APCD

Sacramento Metropolitan AQMD

Great Basin Unified APCD

**Sacramento Metropolitan AQMD**

North Coast Unified AQMD

Great Basin Unified APCD

San Luis Obispo

San Joaquin Valley APCD

North Coast Unified AQMD

Great Basin Unified APCD

North Coast Unified AQMD  
Great Basin Unified APCD

South Coast

Lake County AQMD  
South Coast

San Luis Obispo  
Sacramento Metropolitan AQMD  
Sacramento Metropolitan AQMD

Monterey Bay Unified APCD  
Sacramento Metropolitan AQMD

Monterey Bay Unified APCD  
Sacramento Metropolitan AQMD

Monterey Bay Unified APCD  
Sacramento Metropolitan AQMD

Monterey Bay Unified APCD

South Coast

South Coast

Northern Sierra AQMD  
Sacramento Metropolitan AQMD

San Diego County APCD

Siskiyou County APCD

North Coast Unified AQMD

Ventura County APCD  
Lake County AQMD

**2014**

### Parameters

O3, NOx, CO, 910a, FEM BAM, SASS, 633 Aeth	
H2S & 340 Converter	
SO2 910a	
SO2 910a	
H2S & 340 Converter, SO2 910a	
O3, NOx, CO, SO2, 910a and PM10, Neph	
H2S & 340 Converter	
O3, NOx, CO, SO2, 3783 UFP 910a and PM10, FEM BAM	
O3, NOx, CO, SO2, 910a, PM10, FEM BAM, C-14	
O3, NOx, CO, and FEM BAM Primary and Colo, 910a, Neph	
910a	
Aeth	
O3, NOx, CO, FEM BAM PM10 Primary, PM10 colo 910a, C-14	
O3, NOx, CO, 924, PM10, FEM BAM 910a, C-14	
O3, NOx, CO, SO2, FEM BAM PM10, 910a , SASS, Neph	
O3	
O3, NOx, CO	
910a , FEM BAM, 3783 UFP	

effective January 15, 2014 to April 30, 2014

Parameters	Dec. 1 Shut Down
O3, NOx, NOy, CO tl, SO2 tl, FEM BAM PM2.5, Toxics (924, 910a, 910pc), PM coarse, FRM PM2.5, PAH, SASS, URG Carbon	
CO, NOx, FEM BAM, Aeth, 3783 UFP, 910a	
O3, FEM BAM, Met	X
O3, Met	X
Lead (Pb)	
CO, NOx, FEM BAM, Aeth, 3783 UFP, 910a	
O3, NOx, CO, FEM BAM, 910a	
Equipment Storage site	
O3	X
Lead (Pb)	
Lead (Pb)	
O3, NOx, CO, FEM BAM, 910a, 3783 UFP counter	
O3	X
O3, PAMS GC, PAMS PC, NOx, 910a, FEM BAM, SASS, Neph 450, Neph 525, 3783 UFP, Aeth BC, Met	
O3, NOx, Met PAMS GC, PAMS PC	
O3, NOx, Met PAMS GC, PAMS PC	X
Instruments, standards and equipment repairs and certify	
Inventory stock & control	
Evaluation, development and deployment	
Agilaire, DMS development	



<b>Dec. Shut Down</b>	<b>Station Operator</b>
	R. Schusteritsch
	B. Boynton
	C. Reed
	C. Reed
	C. Rumm
	B. Boynton
	C. Reed
	B. Boynton
	C. Reed
	C. Rumm
	K. Mazza
	C. Rumm
	R. Wiebe
	R. Schusteritsch
	C. Rumm
<b>X</b>	C. Rumm
	R. Wiebe

Station Operator	( prim
L. Rath, 910pc, 924, NOy, SASS, URG J. Li FRM PM2.5, PM coarse, CO tl, SO2 tl, 910a G. Smith FEM BAM PM2.5, PAH, O3, NOx	S. Yamaichi, J. Li  L. Rath
G. Smith	J. Li
L. Rath	S. Yamaichi
L. Rath	S. Yamaichi
S. Yamaichi	L. Rath
D. Beyer	J. Bower
D. Beyer	J. Bower
D. Beyer	B. Graul
D. Beyer	G. Zoppo
L. Rath	J. Li
G. Smith	J. Li
G. Smith FEM BAM, 910a  L. Rath 3783 UFP  J. Li O3, NOx, CO	J. Li   G. Smith
G. Smith	L. Rath
G. Zoppo J. Bower FEM BAM, Neph, 3783 UFP, Aeth	D. Beyer
G. Zoppo B. Graul	B. Graul G. Zoppo
J. Bower	D. Beyer
B. Graul	M. Traverse
B. Graul	D. Beyer
R. Graul and J. Bower	
S. Randall and J. Bower	

**Backups**  
( primary / secondary )

C. Reed	B. Boynton
C. Rumm	C. Reed
B. Boynton	S. Randall
S. Randall	B. Boynton
B. Boynton	C. Reed
C. Reed	M. Traverse
B. Boynton	C. Rumm
R. Schusteritsch	C. Reed
S.Randall (Rumm C-14)	B. Boynton
R. Wiebe	R. Schusteritsch
R. Wiebe	C. Rumm
R. Wiebe	R. Schusteritsch
M. Traverse	C. Rumm
B. Boynton	C. Rumm
M. Traverse	R. Wiebe
M. Traverse	S. Randall
C. Rumm	M. Traverse

Backups (primary / secondary )	Alternates
S. Yamaichi, G. Smith	D. Beyer and G. Zoppo
L. Rath	
L. Rath	S. Yamaichi
J. Li	G. Smith
J. Li	G. Smith
J. Li	G. Smith
R. Graul	G. Smith
R. Graul	G. Zoppo
G. Zoppo	S. Yamaichi
J. Bower	R. Graul
G. Smith	S. Yamaichi
L. Rath	S. Yamaichi
D. Beyer	R. Graul
J. Li	S. Yamaichi
J. Bower R. Graul PAMS	S. Yamaichi
D. Beyer	J. Bower
G. Zoppo	R. Graul
J. Bower	G. Zoppo