Primary Quality Assurance Organization Training
Module 2: Quality Assurance and Data Management

Southern California: January 14 – 15, 2015
Orange County Fire Authority, Irvine

Northern California: January 21 – 22, 2015
Sacramento State University, Sacramento

AGENDA
DAY ONE

Time	Session
8:00 a.m. – 8:30 a.m.	**Registration**
8:30 a.m. – 10:00 a.m.	**Welcome and Opening Remarks**
	Keynote Address Philip Fine, South Coast Air Quality Management District
	Where Did All This QC Stuff Come From Anyway? (Introduction to Quality Control and Standardization) Mathew Plate, U.S. Environmental Protection Agency
	Field QC and Log Books Karl Tupper, San Luis Obispo Air Pollution Control District
10:00 a.m. – 10:15 a.m.	**Break**
10:15 a.m. – 12:00 p.m.	**Building a Bigger, Better Zero Air Generator Certification Process** David Sodeman, San Diego Air Pollution Control District David Roque, San Diego Air Pollution Control District
	Field Calibrations Dustin Goto, California Air Resources Board
	The Need for SOPs: Creating Order from Chaos Nathan Trevino, San Joaquin Valley Air Pollution Control District Darsi Goto, California Air Resources Board
12:00 p.m. – 1:00 p.m.	**Lunch on your Own**
1:00 p.m. – 3:00 p.m.	**Standards Laboratory** Jerry Freeman, California Air Resources Board
	Life & Times of a P.M.2.5 Filter: Quality Control in the Laboratory and Beyond Brenda Saldana, California Air Resources Board
	Data Management: Your Date with Data Mark Stoelting, Bay Area Air Quality Management District
	All Data Considered Valid Unless Otherwise Proven Invalid Reggie Smith, California Air Resources Board
3:00 p.m. – 3:15 p.m.	**Break**
3:15 p.m. – 5:30 p.m.	**Data Validation Exercises** Janice Lam Snyder, Sacramento Metropolitan Air Quality Management District Chris Howard, Great Basin Unified Air Pollution Control District
	Expert Panel Q & A Quality Control, Standards Laboratory, Data Management Systems, Data Validation, General

DAY TWO

8:00 a.m. – 8:30 a.m.		**Registration**
8:30 a.m. – 10:00 a.m.		**Welcome and Opening Remarks**

Quality Assessment and Corrective Action Overview
Eugenia McNaughton, U.S. Environmental Protection Agency

TSAs – The Mother of All Audits
Maria Salomon, California Air Resources Board

Behind the Clipboard: Performance Evaluations
Leena Khangura, California Air Resources Board
Steve Randall, Bay Area Air Quality Management District

10:00 a.m. – 10:15 a.m.   Break

10:15 a.m. – 12:00 p.m.

Using a Corrective Action Process – Yes You CAN
Greg Gilani, California Air Resources Board

Air Quality Data Action: "Like a Good Neighbor, QA is There"
Laura Niles, California Air Resources Board

Introduction to Databases: Is That All There Is?
Marci Nystrom, California Air Resources Board

12:00 p.m. – 1:15 p.m.   Lunch on your Own

1:15 p.m. – 2:20 p.m.   Breakout Sessions

1:15 p.m. – 1:45 p.m.	1:50 p.m. – 2:20 p.m.
1A: CAMNAT Scott Nester, Providence Engineering	**2A: CAMNAT** Scott Nester, Providence Engineering
1B: AirNow–Tech Natalie LaGuardia, Sonoma Technology	**2B: AirNow–Tech** Natalie LaGuardia, Sonoma Technology
1C: iADAM & AQMIS: How Do They Analyze & Manage All the Data? Mike Redgrave, California Air Resources Board	**2C: iADAM & AQMIS: How Do They Analyze & Manage All the Data?** Mike Redgrave, California Air Resources Board

2:20 p.m. – 2:35 p.m.   Break

2:35 p.m. – 5:00 p.m.

AQS Summary with NULL Code Exercise
Fletcher Clover, U.S. Environmental Protection Agency

Data Certification
Michael Flagg, U.S. Environmental Protection Agency
Mallory Ham, Ventura Air Pollution Control District

Data Quality Report
Aman Bains, California Air Resources Board

Data Analysis with Design Value Exercise
Michael Flagg, U.S. Environmental Protection Agency

Expert Panel Q & A
Quality Assurance, Corrective Actions, Databases (AQS/AQMIS/iADAM), Data Analysis, General

5:00 p.m.   Training Adjourns