

WESTAR Council

Quality Assurance for Air Pollution Measurement Systems (APTI 470)

June 23-25, 2020

REGISTRATION DEADLINE:
Friday, May 29, 2020

Alaska DEC
555 Cordova Street
Anchorage, Alaska 99501



REGISTRATION INSTRUCTIONS:

First Time Users:

Please go to: www.apti-learn.net and follow the below steps:

1. Click on the "First time user? Click here to register" link in the upper right-hand corner of the webpage;
2. First screen requires: 1) work email address; 2) first and last names; 3) password; and 4) security question;
3. Second screen asks about affiliation/agency. There are two options for filling out this section:
 - o Agency Quick Search, or;
 - o Affiliation/Agency
4. Third screen includes a list of job functions and other profile information. You can click as many (or few) job functions as appropriate. Once you have completed this third screen, you are done setting up your profile.

After completing the profile:

5. Click the "Register" tab on the left side, or the "Register" bubble in the middle of the page;
6. Scroll down the Training Calendar until you see training course that you are interested in registering for;
7. On the right side of the table you will see a "register" link;
8. Click the "register" link (be patient it takes a few seconds for the confirmation note to pop-up);
9. You will receive an automatically generated email saying that you have been placed on a waiting list (this is so unapproved attendees can be weeded out).
10. Once approved, you will receive a second email saying you are enrolled.

Previously Registered Users (www.APTI-Learn.net):

1. Enter email address and password in appropriate spaces;
2. Go to step 5 (above) and follow directions.

*IF YOU NEED ASSISTANCE REGISTERING FOR THE COURSE PLEASE
CONTACT: JEFF GABLER (503) 478-4955 or JGABLER@WESTAR.ORG*

TUESDAY, JUNE 23, 2020

8:30	am	Welcomes & Introductions
8:45	am	Pre-Test
9:15	am	Introductions to Quality Assurance Concepts
10:00	am	Break
10:15	am	EPA Quality Assurance Policy & Requirements
12:00	noon	Lunch (on your own)
1:00	pm	EPA Quality Assurance Policy & the Monitoring Organization
2:30	pm	Break
2:45	pm	Data Uncertainty & Data Quality Objectives
3:45	pm	Additional Elements of a QA Program
4:30	pm	Adjourn for Day

WEDNESDAY, JUNE 24, 2020

8:30	am	Additional Elements of a Quality Assurance Program (cont'd)
9:00	am	Criteria Air Pollutants & Quality Assurance Requirements
10:15	am	Break
10:30	am	Gaseous Pollutants & Quality Assurance Requirements
12:00	noon	Lunch (on your own)
1:00	pm	Particulate Pollutants & Quality Assurance Requirements
2:00	pm	Break
2:15	pm	Data Verification & Validation
4:30	pm	Adjourn for Day

THURSDAY, JUNE 25, 2020

8:30	am	Data Quality Assessment
9:30	am	Technical Systems Audits
10:30	am	Break
10:45	am	Technical Systems Audits (cont'd)
11:00	am	Annual Air Monitoring Data Certification & Concurrence Process
11:45	am	Lunch (on your own)
1:00	pm	Quality Assurance Reporting
2:00	pm	Quality Improvement

2:15	pm	Break
2:30	pm	Course Review, Q&A, Post-Test, & Closing Comments
4:30	pm	Adjourn

ABOUT THE TRAINING

WHO SHOULD ATTEND: This course is specifically designed for regulatory personnel who operate and oversee ambient air monitoring data. This class is intended quality assurance coordinators or managers, field or laboratory supervisors, and technicians involved with quality assurance of monitoring system data.

LEARNING OBJECTIVES: Those completing this course will gain a basic understanding of the information associated with the management of air quality monitoring systems required under the Clean Air Act and state and local regulations. Attendees will be able to apply the following topics in establishing a measurement system:

- Basic concepts of statistical control charts
- Regression analysis and control charts for calibration data
- Identification and treatment of outliers
- Quality assurance for SLAMS and PSD
- Performance and system audits
- Measurement
- Intra-laboratory testing
- Procurement quality control
- Data validation
- Quality costs

COURSE DESCRIPTION: This course presents a broad overview of the quality assurance required for air pollution monitoring systems. Lectures present the basic quality management principles and techniques applicable to air pollution monitoring systems. It covers the four principal areas of management, measurement, systems, and statistics.

SPACE LIMITATION: Registration is limited to 30 attendees. Air quality staff from the fifteen western states receive registration preference.

REGISTRATION FEES: There are no registration fees for state, local or tribal air quality agency staff. For federal employees, the registration fees are \$500.

TRAINING LOCATION

Alaska DEC
555 Cordova Street
Anchorage, Alaska 99501

HOTEL INFORMATION

Attendees and speakers are responsible for making their hotel reservations. Below is a list of potential hotels in Anchorage. WESTAR DOES NOT have room blocks at these hotels. Please ask for government rate.

COMFORT INN

111 W. Ship Creek Avenue
Anchorage, AK 99501
Phone: (907) 277-6887

DAYS INN

321 E. 5th Avenue
Anchorage, AK 99501
Phone: (907) 276-7226

HILTON ANCHORAGE

500 W Third Ave.
Anchorage, AK 99501-2210
Phone: (907) 272-7411
Toll Free: (800) 245-2527

ANCHORAGE MARRIOTT DOWNTOWN

820 W Seventh Ave.
Anchorage, AK 99501-3407
Phone: (907) 279-8000
Toll Free: (800) 228-9290

WESTMARK ANCHORAGE HOTEL

720 W Fifth Ave.
Anchorage, AK 99501-2198
Phone: (907) 276-7676
Toll Free: (800) 544-0970

HISTORIC ANCHORAGE HOTEL

330 E St.
Anchorage, AK 99501-2399
Phone: (907) 272-4553
Toll Free: (800) 544-0988

HOWARD JOHNSON PLAZA HOTEL

239 W Fourth Ave.
Anchorage, AK 99501-2395
Phone: (907) 793-5500

HOTEL CAPTAIN COOK

939 W Fifth Ave.
Anchorage, AK 99501-2032
Phone: (907) 276-6000
Toll Free: (800) 843-1950