



FROM THE AIR PROGRAM

Summer Events Continue

Technical Assistance with Yerington Paiute Tribe, July 2019

Continuing a working partnership of many years, the Bishop Paiute and Yerington Paiute Air Quality staff met again this summer and performed a variety of air monitoring project tasks at the YPT air quality and weather station. The purpose of these visits, which often include other Owens Valley and Nevada tribes, is to support other tribal air programs in the great basin region, as we often have similar goals and equipment. A little help can go a long way. Between the heat, the wind, and even before a little thunderstorm action we had a successful day of working with the monitor, pumps, and other equipment.



Data Analysis Training, August

The Air Quality Specialist was accepted to attend a special training sponsored by Institute for Tribal Environmental Professionals, focusing on air quality and environmental data analysis. This was the first full-length course of the subject matter hosted by the Institute, for tribal air quality professionals. Currently, the BPT Air Program collects continuous data for particulate matter (PM10 and PM2.5), ozone, wind variables, solar radiation, barometric pressure, precipitation, temperature and humidity. We publish the “real-time” data, along with web cam photos, to the EMO website at <http://www.bishoptribeemo.com/monitoring.htm>

The Air Program performs a variety of data analysis tasks, including monthly statistics for TEPA reporting, weather or dust event charts for newsletters, reporting to US EPA, comparison with the Tribal Air Quality Standards (adopted in 2006, and matching CA standards), equipment comparisons, quality assurance comparisons, regional weather and air quality comparisons with other stations, and reports such as the recent Particulate Matter Trends Analysis, published to the EMO website at <http://www.bishoptribeemo.com/library.htm> along with past studies and reports. Over time we expect the softwares and systems used in the data analysis to change, and the purpose of the training is for tribal air quality staff to stay current- and beyond- with new methods of processing and displaying the data from the instruments into meaningful information.