

CASTNET 2016 Annual Network Plan

Response to Comments

Clean Air Markets Division
Office of Atmospheric Programs
US Environmental Protection Agency

June 23, 2016

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1. Comments in regard to the CASTNET site Cadiz, KY (CDZ171).

Commenter: Jennifer Miller, Division for Air Quality, Kentucky Department for Environmental Protection.

Date received: May 6, 2016

Comment 1. *On July 1, 2015, the Division submitted its 2015 5-Year Network Review to the EPA. The review found that the Cadiz site (21-221-9991) was the design value ozone monitor for the Clarksville, TN-KY MSA. According 40 CFR 58, Appendix D, at least one ozone monitor in each MSA must be designated as the "Maximum Ozone Concentration" site for the entire MSA. The Division would appreciate if this information was added to the monitor metadata in AQS for the Cadiz monitor.*

We recently made a similar request for the Mammoth Cave NP ozone monitor (21-061-0501). That request has already been processed and the metadata has since been updated.

Response 1. CAMD staff concur with the request from KDEP and added "Maximum Ozone Concentration" to the monitoring objective in AQS for the Cadiz, KY ozone monitor.

2. Comments on the proposed Nez Perce ozone monitor.

Commenter: Chris Hall, US EPA Region 10.

Date received: May 3, 2016

Comment 1. *Can you expand section 10 to provide a rationale for adding an ozone monitor on the Nez Perce reservation? This would be good information to have documented (this is the first I have heard of this plan). Has siting been determined? We may want to be careful on the siting because there is quite a bit of agricultural burning that occurs on the reservation each year. Also their HQ office is in a river valley which may not be the best location for a CASTNET ozone monitor.*

Response 1. Nez Perce requested support to add a CASTNET ozone monitor to their existing low-footprint CASTNET filterpack monitor at NPT006. CAMD staff worked with Nez Perce tribal representatives, and Nancy Helm and Mike McGowan (EPA Region 10) to formulate plans and secure funding for this ozone monitor. In addition to working with Region 10, Nez Perce notified Idaho DEQ personnel in January 2016 including Mary Anderson, Bruce Louks, and Amber Rand.

The ozone monitor is located at 46.2756°, -116.0216° at an elevation of 945 meters in Idaho County, Idaho. This monitor will be installed on a clearing on top of a mountain range. This site meets both the original siting criteria listed for a low-footprint CASTNET site as described in version 8.2 of the CASTNET QAPP (<https://java.epa.gov/castnet/documents.do>) and the requirements established for Appendix E to 40 CFR Part 58.

Comment 2. *Also I thought Craters of the Moon was a CASTNET site but I do not see it listed in the draft plan.*

Response 2. The Craters of the Moon National Monument and Preserve site is a National Park Service Gaseous Pollutant Monitoring Network site; it is not a CASTNET site, and therefore not included in the CASTNET Annual Network Plan.