

Clark County, NV Department of Air Quality Agency Update

CDAWG

November 7, 2018

Criteria Pollutant Status

- O₃
 - The Las Vegas Valley was designated marginal non-attainment for the 2015 ozone NAAQS, effective August 3, 2018
- PM₁₀
 - Currently in attainment/maintenance of standard
 - exceedances for 2016-2018 time period – 2 exceedances
- Attainment/Maintenance/Unclassified for all other criteria pollutant NAAQS

2018 SIP Related Actions

- Revised the motor vehicle emissions budget for the 1997 Ozone NAAQS, 2011 Maintenance SIP, submitted to NDEP/EPA in October 2018

http://www.clarkcountynv.gov/airquality/planning/Documents/SIP/ozone/20181016_1997_8-Hr_Ozone_SIP_Revision_with_Appendices.pdf

- Submitted 2015 O₃ Infrastructure SIP to NDEP/EPA in September 2018

http://www.clarkcountynv.gov/airquality/planning/Documents/SIP/ozone/20180831_Clark_County_2015_O3_ISIP.pdf

- Submitted EE Mitigation Plan in October

- http://www.clarkcountynv.gov/airquality/planning/Documents/ExceptionalEvents/20181017_Clark_County_EE_Mitigation_Plan.pdf

2018 SIP Related Actions

- Submit 2017 annual point source emissions inventory in December
- Submit 2017 annual nonpoint source emissions inventory in December
- Submit 2017 on-road mobile source emissions (MOVES) inputs to EPA in December

2019 SIP Related Actions

- Submit 2nd 10-year CO Limited Maintenance Plan - April
- Submit 2019 Ozone Advance Progress Report - June
- Prepare 2nd 10-year PM10 Maintenance Plan – December
- Submit 2018 Annual Point Source Emissions Inventory – December

2018 SIP Rule Revisions

- Clean Up the Air Quality Regulation Definitions
 - Remove unused legacy definitions
 - Revise definitions to match current regulations
- Revise Problematic Sections of the Stationary Source Regulation
- Rescind Infeasible Compliance Schedule Requirements that are in Conflict with Title 5

Study Updates

- 2017 On-Road Vehicle Classification Study Complete
 - Results used in the revised the motor vehicle emissions budget for the 1997 Ozone NAAQS 2011 Maintenance SIP
 - Will assist future MOVES modeling efforts
 - http://www.clarkcountynv.gov/AirQuality/Planning/Pages/Planning_EmissionsInventory.aspx
- Fires, Asia, and Stratospheric Transport Las Vegas Ozone Study (FAST-LVOS)
 - All data sets delivered, reviewing draft reports from Princeton and NOAA
 - Final report from NOAA due in January 2018

Study Updates (cont.)

- Developing 2018 Saturation Study for NO_x and VOC Study
 - Provide 2019 “snapshots” of NO_x/VOC Limiting Ratios
 - “Fingerprint” measured VOC to determine sources
 - On road mobile VOC emissions have declined, whereas VOCs from volatile chemical products (VCPs) have increased in urban areas
 - Understanding relative VOC source contributions critical to crafting ozone precursor emissions reductions strategies
 - In discussions with NOAA for assistance on study design and scope of work

Other Agency Activities

- Continuing to expand library of “model” exceptional event demonstrations
 - Anticipate submitting multiple ozone exceptional event demonstrations in 2020 to either demonstrate attainment or reduce nonattainment design value
- Public outreach program
 - Implementing new public outreach plan
 - Follow us on Facebook @ClarkCountyAirQuality or Twitter @CCAirQuality
 - Expanded outreach and support for regulated business community, education (school district), and the general public

Comments and Questions

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