

Meeting Presentations, Webinars, and Conference Proceedings

- Gostic C. (2023) RShiny, Big Data, and AWS: A Tidy Solution Using Arrow. Presented at CascadiaR Conference, Seattle, WA, August 19, by Sonoma Technology, Petaluma, CA. STI-7964.
- Gostic C.L. (2022) Comparison of tools to quantify wildfire smoke influenced ozone concentrations. Presentation given at the *2022 National Ambient Aerosol Monitoring Conference, Pittsburgh, PA, August 25*, by Sonoma Technology, Petaluma, CA. STI-7697.
- Scarborough C., Gostic C., McClure C., and Wang N. (2022) Exploring near-road data with the near-road dashboard. Presentation given at the *National Ambient Air Monitoring Conference, Pittsburgh, PA, August 25*, by Sonoma Technology, Petaluma, CA. STI-920354-7701.
- Wang N., Gostic C., McClure C., Scarborough C., and Brown S. (2022) PAMS Dashboard: an R Shiny webapp for PAMS data visualization. Presentation given at the *2022 National Ambient Air Monitoring Conference, Pittsburgh, PA, August 22*, by Sonoma Technology, Petaluma, CA. STI-7705.

Formal Reports

- Schill S.R. and Gostic C. Phillips 66 Los Angeles Refinery – Wilmington Facility rule 1180 fenceline monitoring Q4 report: October 2022 – December 2022. Quarterly report prepared for Phillips 66 Los Angeles Refinery, Wilmington, CA by Sonoma Technology, Petaluma, CA, STI-923015-7870, February 22
- Schill S.R. and Gostic C. (2023) Phillips 66 Los Angeles Refinery – Carson Facility rule 1180 fenceline monitoring Q4 report: October 2022 – December 2022. Quarterly report prepared for Phillips 66 Los Angeles Refinery, Carson, CA by Sonoma Technology, Petaluma, CA, STI-923015-7871, February 22.
- Marrero J.E., Schill S.R., and Gostic C. (2022) Tesoro Refining & Marketing Co., LLC Marathon renewable fuels facility rule 12-15 fenceline monitoring Q3 report: July – September 2022. Quarterly report prepared for Tesoro Refining & Marketing Company, LLC, Martinez, CA by Sonoma Technology, Petaluma, CA, STI-921012-7821, November 30.
- Schill S.R. and Gostic C. (2022) Phillips 66 Los Angeles Refinery - Carson Facility Rule 1180 Fenceline Monitoring Q3 Report: July 2022 - September 2022. Quarterly report prepared for Phillips 66 Los Angeles Refinery, Carson, CA by Sonoma Technology, Petaluma, CA, STI-922015-7809, November.
- Schill S.R. and Gostic C. (2022) Phillips 66 Los Angeles Refinery - Wilmington Facility Rule 1180 Fenceline Monitoring Q3 Report: July 2022 - September 2022. Quarterly report prepared for Phillips 66 Los Angeles Refinery, Wilmington, CA by Sonoma Technology, Petaluma, CA, STI-922015-7810, November.
- Moffet R.C. and Gostic C. (2022) Valero Benicia Q3 Report: July – September 2022 Quarterly report prepared for Valero Refining Company, Benicia, CA by Sonoma Technology, Petaluma, CA, STI-922002-7815, November.
- Marrero J.E., Schill S.R., and Gostic C. (2022) Tesoro Refining & Marketing Company, LLC (A subsidiary of Marathon Petroleum Corporation) Rule 12-15 Fenceline Monitoring Q1 Report: January-March 2022.

Quarterly report Prepared for Tesoro Refining & Marketing Company LLC, Martinez, CA, by Sonoma Technology, Petaluma, CA, STI-921021-7729, May 30.

Penfold B., Wang N., and Gostic C. (2021) Network evaluation of the Strathcona Industrial Association. Final report prepared for the Strathcona Industrial Association, Edmonton, Alberta, Canada by Sonoma Technology Inc., Petaluma, CA, STI-921046-7631-FR, December.

Brown S., McClure C., Gostic C., Miller D., Pavlovic N., Scarborough C., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: August 7, 2020. Final Report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Gostic C., Scarborough C., Pavlovic N., McClure C., Miller D., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: August 3, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Gostic C., Scarborough C., Pavlovic N., McClure C., and Miller D. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: September 2, 2020. Final report prepared for Clark County Department of Environment and Sustainability Division of Air Quality, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Gostic C., Scarborough C., Pavlovic N., McClure C., and Miller D. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: September 26, 2020. Final report prepared for Clark County Department of Environment and Sustainability Division of Air Quality, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Gostic C., Scarborough C., Pavlovic N., McClure C., and Miller D. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: August 18-21, 2020. Final report prepared for Clark County Department of Environment and Sustainability Division of Air Quality, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Brown S., McClure C., Gostic C., Kramer S., Miller D., Scarborough C., and Wang N. (2021) Exceptional Event Demonstration for Ozone Exceedances in Clark County, Nevada – May 9, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, July.

Gostic C., Scarborough C., McClure C., Miller D., Wang N., Kramer S., and Brown S. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada – May 28, 2020. Final report prepared for Clark County Department of Environment & Sustainability Division of Air Quality, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.

Gostic C., Scarborough C., McClure C., Miller D., Wang N., Kramer S., and Brown S. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada – May 6, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.

Gostic C., Scarborough C., McClure C., Miller D., Pavlovic N., and Brown S. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada – June 22, 2020. Final report prepared

for the Clark County Department of Environment and Sustainability, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, doi: STI-920053-7477, June.

Gostic C., Scarborough C., Pavlovic N., McClure C., Miller D., Ryder O., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: June 26, 2020. Draft report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.