The BCAMP Grassroots Story: Making A Difference for Air Quality and Public Health in Our Local Community and Beyond



BCAMP

BENICIA COMMUNITY
AIR MONITORING PROGRAM



June 4, 2019 – Delivery from the Valero refinery of BCAMP's trailer transporting air monitoring equipment for our new monitoring station located on Bayshore Road in the Benicia Industrial Park, on the property of Ruszel Woodworks Co.



June 4, 2019 — Kathy Kerridge, BCAMP board member, takes a first look inside the trailer. Each piece of equipment will have to be inspected before it is installed, for its condition and performance.



June 4, 2019 — The very first inspection of the equipment begins, by our contractor, Argos Scientific.



Nov 8, 2021 — group portrait, (left to right) BCAMP board members; Argos Scientific's CEO, Don Gamiles, with Dillon Buffit, Argos staff in charge of station's maintenance; Benicia's Fire Chief, Josh Chadwick; and Eric Stevenson, former BAAQMD manager, Monitoring & Measurements Dept.



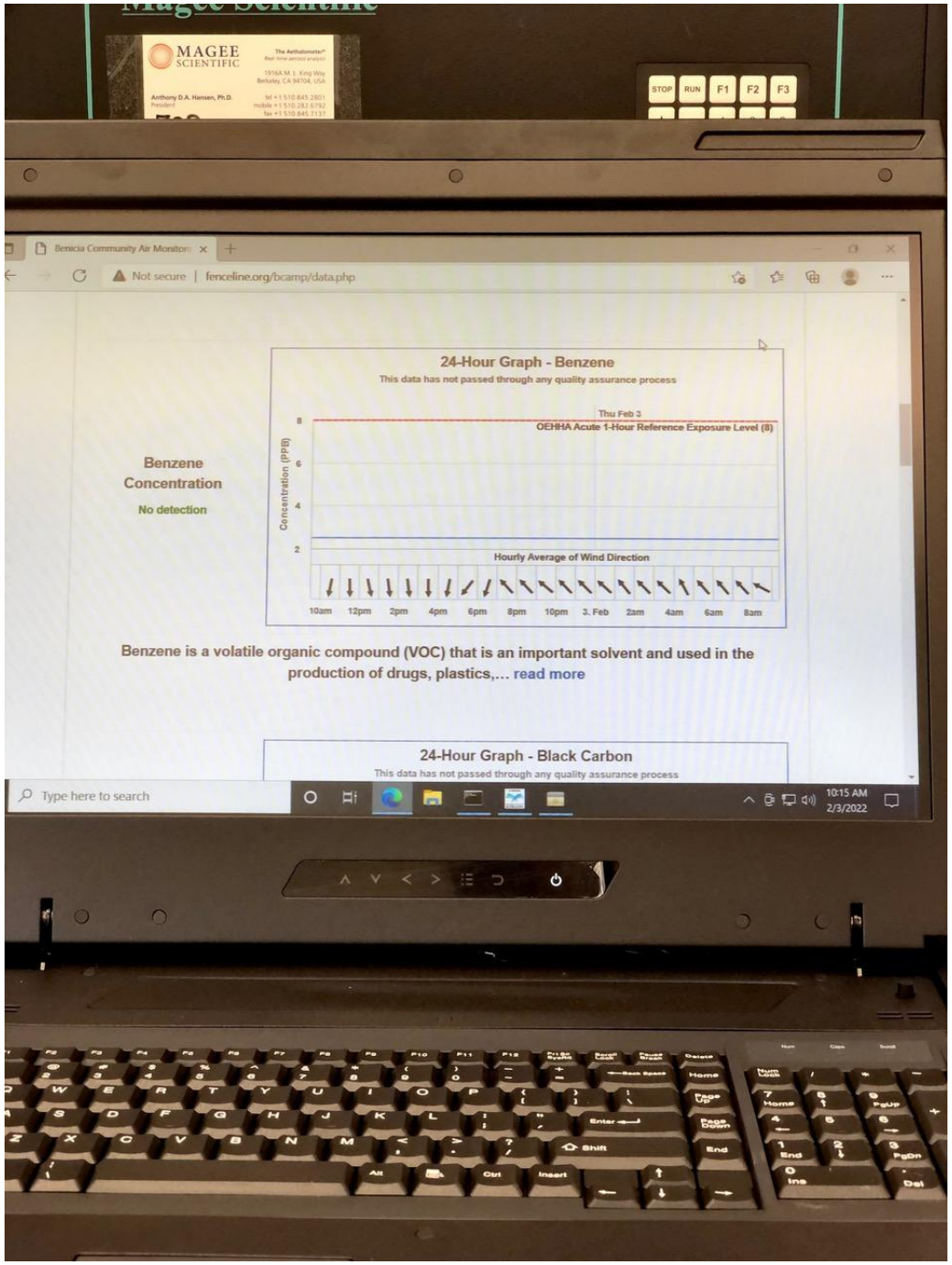
Nov 8, 2021— Inside the station: BCAMP member and Fire Chief look on as Argos Scientific's Don Gamiles explains about the various monitors and the computers operating them 24/7 that complete the system, with data collected displayed on BCAMP's public access website.



Nov 8, 2021 — Our contractor, Argos Scientific's Don Gamiles, points to Ozone Monitor



Feb 3, 2022 — the BCAMP station equipment is housed in a secure small building formerly owned by a cell company. On the roof, there's equipment for monitoring wind speed, direction and temperature; to the left is the air intake "funnel" that brings air into several of the monitors inside the station. (The wooden stork is a sculpture made by the owner of Russel Woodworks— it's our station's mascot!)



Feb 3, 2022 — Monitor showing a 24-hr graph of Benzene detections.



Feb 23, 2022 — Our contractor sent a camera drone up to see what was going on at the Valero refinery.



Feb 3, 2022 — The Valero refinery's “sulfur scrubber”, which serves as the main stack, is venting a plume of mostly water vapor but with pollutants visible in the grey-brownish area in the lower part of the plume.



March 25, 2022 — Lori Wilson, our state assembly member, visits our BCAMP station. Left to right: Mary Frances Kelly-Poh, (Good Neighbor Steering Committee - “GNSC") Nancy Lund (BCAMP board and GNSC) , Lori Wilson, Dana Dean, (attorney), Kathy Kerridge and Marilyn Bardet, (both members of BCAMP board and GNSC)



Dec 5, 2023 — Event, hosted by our contractor, Argos Scientific, to introduce BCAMP's station to community members and Air District staff.



March 28, 2024 — Big event: BCAMP hosts Air District management staff and local city council members to visit the station. Seen in photo: Kate Hoag, BAAQMD Monitoring and Measurement Dept;Dr. Phil Fine, BAAQMD Executive Director; Terry Scott, Benicia City Council, member, vice mayor.



March 28, 2024 — community members from Martinez and Rodeo (COCO Cty) at the BCAMP station for the big event, to see the station, learn about it with BCAMP members and the Air District staff.



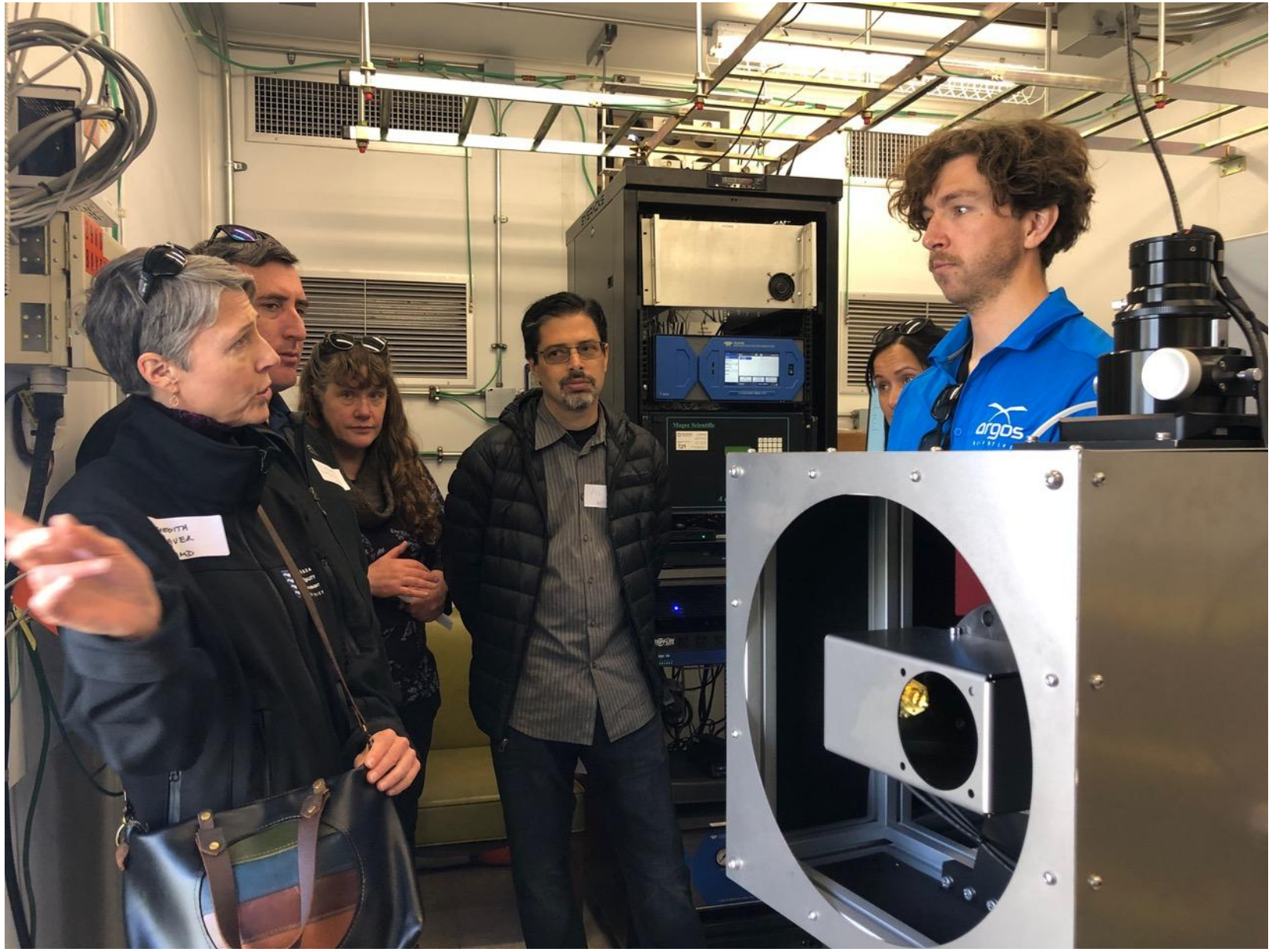
March 28, 2024 — Argos staff, Dillon Buffit and Tarryn Jubelin begin to introduce features of the station, with Dr. Fine, (Air District Exec Director) and Terry Scott, (Benicia city council.)



March 28, 2024 —Tarryn Jubelin explains about Argos' work at the station and what it means for the public.



March 28, 2024 — Visiting inside the station, Heidi Taylor, activist from Martinez who started group called “Healthy Martinez”, with Dillon Buffi and Tarryn Jubelin, Argos Scientific staff, explaining about "Open-Path” monitoring at refinery fencelines.



March 28, 2024 — Air District staff with Dillon Buffi and Tarryn Jubelin of Argos discussing the BCAMP station's capacities for monitoring the neuro-toxin, hydrogen sulfide gas.



July 31, 2025 — Argos Scientific’s Dillon Buffi and Jochen Stuz, UCLA professor of atmospheric and climate science, on BCAMP’s advisory board.



March 20, 2018 View of Valero refinery stacks from the historic Saint Dominics' Cemetery in Benicia, which shares a fenceline border with the refinery.



Dec 5, 2023 —Kathy Kerridge’s granddaughter, who lives only 1/3 of a mile from the Valero refinery.