



Suncor Energy (U.S.A.) Inc. Update

Commerce City – City Manager’s Report
January 4, 2021 (Submitted Dec. 23)

New Web Presence and Community Initiatives

As you are aware, as part of the agreement reached in March with the Colorado Department of Public Health and Environment (CDPHE) regarding air compliance issues from 2017-2019, we committed to engaging with the community and developing ways to improve communication with our neighbors, elected officials, regulators like CDPHE, and other local groups and leaders.

With the help of an independent, third-party research firm, we connected with our employees and the community through a mix of one-on-one interviews, focus groups, and online and telephone surveys, all conducted in English and Spanish, to hear feedback and recommendations. Thank you so much for participating and sharing the word about the project with the community.

We received hundreds of responses. The feedback we heard will directly inform how we will share and receive information moving forward, and we will provide more details about our action plans over the next six months.

The community can now access updates about the research on our [Listening to the Community](#) webpage that also announces the following:

- A new webpage about the Commerce City Refinery
- Emergency alerts and enhanced notifications
- New community air monitoring program (fact sheet also included at the end of this report)

The new, bilingual Commerce City Refinery webpage [Suncor.com/Colorado](https://suncor.com/colorado) also launched in December. It will serve as a hub for our community to learn more about who we are, what we do at the refinery and how we support Commerce City, the region and Colorado. It also includes information about safety and the environment, and our public notifications both past and future.

Thank you again for your partnership and feedback through this entire process. We are making changes and will continue to work to be a better neighbor.

Environmental Performance Data

The last report provided data up to the morning of November 25. Two additional events occurred on November 25 and 26, respectively – resulting in 4 environmental exceedances (air) – that required us to notify CDPHE or the EPA. Accordingly, total exceedances for November included:

- 50 exceedances related to air emissions

Environmental performance through November 30 this year vs. last year:

- 2020 (through November 30) – 192 exceedance periods
- 2019 (through November 30) – 413 exceedance periods



2020 Environmental Performance through November 30 (opacity, excess SO₂, H₂S)

- Number of permit limit exceedances
 - ~57% decrease vs. 2019
- Duration of permit limit exceedances (how long to stabilize/stop the emissions)
 - ~42% decrease vs. 2019
- Tons of SO₂ emissions (through 11/30)
 - ~46% decrease vs. 2019

Title V Permit Renewal

As described on our new [Suncor.com/Colorado](https://www.suncor.com/Colorado) web presence, Suncor Energy (U.S.A) Inc. operates within two separate [Title V operating permits](#) - one that covers the refinery's Plants 1 and 3, and one that covers Plant 2. The Title V permit for Plants 1 and 3 was last revised on February 22, 2018, and the Title V permit for Plant 2 was last revised on June 15, 2009. Between formal renewal periods, the Title V permits are subject to periodic modifications. To learn more about Title V permits, visit [CDPHE's website](#).

We have submitted a renewal application for the Plant 2 Title V permit. The renewal process is governed by CDPHE's Air Pollution Control Division (APCD), which will set the 30-day public notice period for the application and has scheduled a [listening session for January 7](#). Full information relating to the application will be available at that time. For more information on public notices, visit [CDPHE's website](#).

Community Investment

For Thanksgiving, we worked with the Adams 14 School District to deliver HelloFresh Thanksgiving meals to 120 Commerce City families.

In December, we partnered with Kids First Health Care in Commerce City to leverage a \$5,000 grant from Suncor as a "challenge grant" for Colorado Gives Day. Suncor also gifted Kids First with an additional \$25,000 to support the capital campaign for the Commerce City Community Campus. We were also a proud sponsor of Mile High United Way's Children's Holiday Party, helping 300 families with food, gift cards, coats, and more.

We also supported Commerce City's senior programming with a \$5,000 grant and participated in their distribution of holiday care packages for seniors.

Magellan Midstream Pipeline Incident

Magellan Midstream, which is an independent company operating in Commerce City (not owned or operated by Suncor) issued two statements about its diesel fuel release incident on December 4. While Suncor followed our standard emergency response protocol and supported response to the incident, it is important to note that this was not the refinery's incident. We will always offer mutual aid to our neighbors when possible and activate our emergency response team when needed.

For more information about the incident or Magellan Midstream, contact: Bruce Heine at bruce.heine@magellanlp.com or Garrison Haning at garrison.haning@magellanlp.com.



Community Air Monitoring

In response to community feedback, Suncor Energy (U.S.A.) Inc. is launching a new community air monitoring program and inviting the community to participate.

Program overview and community engagement:

- Suncor will use an independent expert who will conduct air monitoring in the communities surrounding the Commerce City Refinery and report the results to the public.
- Starting in early 2021, we will hold meetings with the community and regulators to get input to help shape the program, including selection of the independent expert. At these meetings, information will be shared about monitoring technologies.
- We welcome and encourage our neighbors, public officials, the environmental community, and monitoring experts, to participate. More details to come.

Monitoring technologies:

- In 2021, Suncor plans to select a combination of monitoring technologies to be implemented and tested by the independent expert during an initial evaluation phase, with long-term solutions to follow.
- These may include sensor-based monitors, summa canisters, gas chromatograph monitors, mobile testing labs, and other established technologies.
- The sensor-based systems will be able to provide real-time results to the public for the following compounds: carbon monoxide (CO), sulfur dioxide (SO₂), hydrogen sulfide (H₂S), nitrogen oxide (NO), nitrogen dioxide (NO₂), particulate matter (PM 2.5), and total volatile organic compounds (VOCs).
- The other systems can measure more compounds at different time periods, including benzene, other VOCs, and hydrogen cyanide (HCN).
- These systems will also measure weather conditions, including wind direction and wind speed.

Program timeline:

- Community meetings to begin in early 2021.
- After receiving community feedback and selecting an independent expert, we will choose systems to use in 2021 for an evaluation period, likely up to one year.
- After the systems are tested, we will fund implementation of longer-term community monitoring solutions by the independent expert.

Current Suncor community air monitoring:

- Currently, for refinery shutdowns, other planned events, and unplanned incidents, Suncor personnel monitors the air in the communities near the Commerce City Refinery using highly specialized monitors that can detect carbon monoxide (CO), hydrogen sulfide (H₂S), sulfur dioxide (SO₂), and volatile organic compounds (VOCs).