



Suncor Energy (U.S.A.) Inc. Update
Commerce City – City Manager’s Report
March 1, 2021 (Submitted Feb. 19)

March 8 study session with council

Members of the Refinery Leadership Team will present on the following topics:

- Permit renewals, exceedance information, community air monitoring updates
- Community engagement/Compliance order updates
- Refinery maintenance – Turnaround scheduled April - June
- Refinery improvements and performance

Environmental updates and operational notifications

Our last update was submitted on January 22. The following events have occurred since that date:

- On January 26, a pressure relief valve froze in the No. 4 Hydrodesulfurizer (HDS) causing significant pressure fluctuations in the Plant 1 flare gas recovery system which resulted in the compressor shutting down, as designed.
 - There were two air permit exceedances from this event, including the flare gas 162 ppm hydrogen sulfide (H₂S) (3-hour average) limit and the 500 lb SO₂ Emergency Planning and Community Right to Know Act (EPCRA) Reportable Quantity.
- On February 9, Suncor responded to a spill to soil of #1 Ultralow Sulfur Diesel identified in Plant 2 from a piping component failure. Personnel immediately responded, shut down and isolated the equipment and began recovering material. Approximately 351 barrels were released from the pipe and approximately 270 barrels of the material were recovered, all within the refinery property. The refinery is working to clean up the impacted soil in the area.
- As communicated on February 10, Suncor responded to a pin-hole leak we detected in refining process equipment at the Commerce City Refinery. Operations immediately responded, stopped and contained the leak, and shut down the impacted equipment. As part of our response plan, we sounded the refinery alarms. All workers were accounted for and there were no injuries.
 - There were no air permit violations associated with this event.
- From February 14-16, extremely cold weather caused several process upsets.
 - Exceedances of several air permit limits were reported, including the Emergency Planning and Community Right to Know Act (EPCRA) 500 lb. SO₂ Reportable Quantity, Flare Gas H₂S limit, Tail Gas Incinerator SO₂ limits, and the GBR Flare net heating value.
- On February 14, Suncor responded to a spill of less than 1 barrel to soil from a sump that overflowed. Cleanup of the area is underway.



- As reported on February 16, Suncor responded to a vapor leak from a 1-inch diameter pipe. The plant alarm sounded to clear non-essential workers from the area. Brighton Boulevard was temporarily shut down as a precaution. The impacted equipment was taken out of service and prepared for repair.
 - There were no air permit exceedances as a result of the event, and air monitoring along Brighton Boulevard did not detect any VOCs (volatile organic compounds), hydrogen sulfide (H₂S), sulfur dioxide (SO₂), or benzene as a result of the event.
- On February 17, Suncor sounded the alarms at the refinery in response to a leak from a pipe that contains hot water and steam. The alarm was sounded by Suncor as a precaution to clear personnel from the area within the refinery where the leak occurred. We isolated the leak and developed a repair plan.
 - There were no air permit violations as a result of this event.

Refinery Notifications “opt-in” system

As of February 24, residents and any interested stakeholders can sign up for Refinery Notifications:

- This new system will update subscribers through a text message, phone call or email when there is an event or incident at the Commerce City Refinery that does not require immediate action by the community.
- Signing up for Refinery Notifications ensures that when subscribers can see, hear or smell something at the refinery that may prompt questions or concerns, they will hear about it directly from us.
- For example, if the refinery fire department conducts a fire training at the refinery, subscribers will receive a notification because the trainings can produce visible flames or smoke. Other examples include notifications about equipment repairs, maintenance, and startup/shutdown processes that result in a sight, sound, or smell noticeable in the community. Notifications will start in June. Learn more at [Suncor.com/Colorado](https://www.suncor.com/Colorado).

COVID-19 vaccines

The refinery would like to thank the city for providing vaccines to our Emergency Response Team members. These hard-working members of our staff are trained to respond to a variety of incidents on site and host response teams from across the region for training exercises.

Community investment

Suncor Energy (U.S.A.) Inc. is proud to continue its sponsorship of the Adams County Mayors and Commissioners Youth Awards in 2021, recognizing Adams County teenagers who have overcome personal adversity and created positive change in their lives. Our sponsorship will support the purchase of new Chrome Books for Commerce City nominees and includes a Shell gas card donation to support transportation needs for these nominees and their families. We look forward to celebrating all nominees at the city and county virtual events scheduled for April.