



# Environmental Planning and Policy Update

City Council Meeting September 2021



# Oil and Gas Update



# City Oil & Gas Permit Applications

- Five applications are currently deemed complete and being processed by the city
- Eight Oil and Gas Permits had previously been submitted and deemed complete by the city – all by Extraction
- One application (Condor) does not currently have complete information to begin processing
- Two applications (Harlo and Anteater) were withdrawn due to inactivity.

Site Name	Case Number	Operator	Council Action Required	Well Count
Pelican	OG-002-19	Extraction Oil and Gas	Conditional Use Permit	28
Heron	OG-003-19	Extraction Oil and Gas	Conditional Use Permit	24
Blue Jay	OG-004-19	Extraction Oil and Gas	Rezoning	18
Owl	OG-005-19	Extraction Oil and Gas	Rezoning	18
Falcon	OG-006-19	Extraction Oil and Gas	Rezoning	18

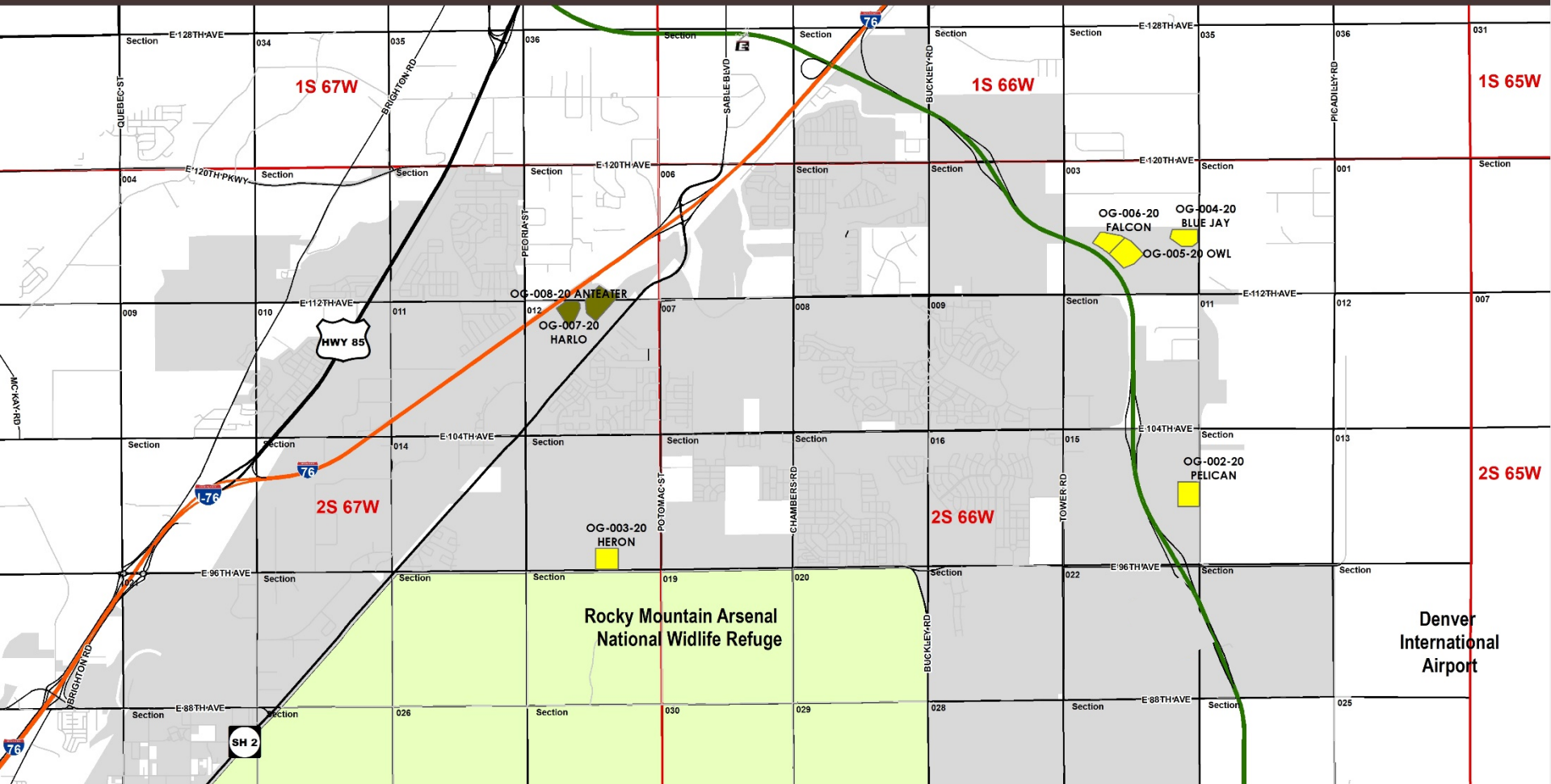


# City Oil and Gas Permits

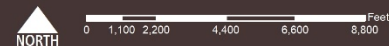


Submitted City Permits

Active as of 10/22/2020



- Approved
- Under Review
- City Limit Boundaries
- Denied
- Withdrawn
- local streets



# State Permit Applications

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- No remaining 2a applications







# Environmental Update



# General Updates

- Air Pollution Control Division holding community meeting to receive input on real-time fenceline monitoring requirements under [HB 21-1189](#)
  - Will be held Tuesday, September 28 from 6:00 – 7:30 PM
  - Registration link can be found [here](#).
- Air Quality Monitoring Data from CDPHE “CAMML” mobile lab publicly released
  - Monitoring occurred at Eagle Pointe Recreation Center from May 14 – July 17, 2021
  - Data showed that Particulate Matter (PM<sub>2.5</sub> & PM<sub>10</sub>) levels were higher than other places and locations within the state, and ozone levels were below what was expected. PM could potentially cause impacts for sensitive groups at the levels that were measured.
  - An in-depth overview of the findings can be found [here](#).
- CDPHE issued a compliance advisory to Suncor on August 3, 2021 regarding alleged violations occurring between July 2019 and January 2020.
  - Additional information and any additional developments will be communicated to Council as well as included in future Environmental Updates.

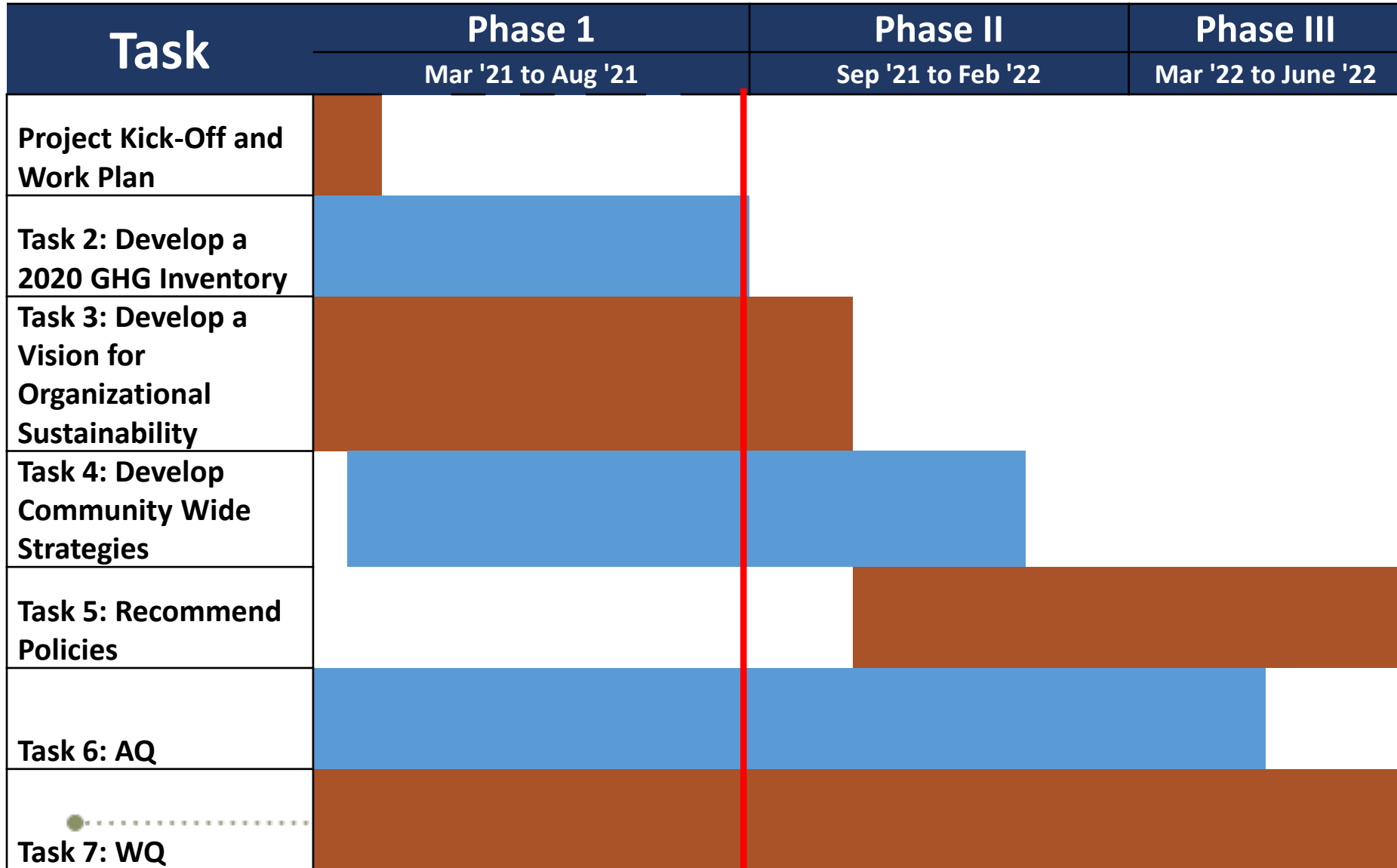


# Policy Development Update

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- Phase I Study Session scheduled for Oct 11
  - Will discuss in depth the findings and work product that has been generated thus far, and get Council feedback and direction on remaining work
- City Organizational Sustainability Survey
  - 73 responses received from City Staff
  - Included feedback on how energy efficiency, water use, and general sustainability are integrated into employees day to day job functions, existing barriers to change, and potential areas for improvement
  - Next steps are to summarize findings and discuss with internal City staff working groups.
- 2019 Greenhouse Gas Inventory finalized
  - Findings will be discussed with Council during Oct 11 Study Session
  - Final report and takeaways will be posted on City's environmental webpage ([c3gov.com/environment](http://c3gov.com/environment))
- Environmental Policy Advisory Committee
  - Additional candidates were interviewed prior to the regularly scheduled City Council meeting this evening

# Timeline - Policy Development



# CDPHE Information on Suncor

- 11 exceedances by Suncor since last update (July 24 – September 10)
  - 7/27: Exceedance of Hydrogen Sulfide (H<sub>2</sub>S) limit of 162ppm in flare gas (3-hr average)
    - Max reported value of 329ppm, Occurred at the west plant
    - Occurred due to equipment tripped offline
  - 8/17: Exceedance of Hydrogen Sulfide (H<sub>2</sub>S) limit of 162ppm in fuel gas (3-hr average)
    - Max reported value of 300ppm, Occurred at the east plant
    - Occurred due to upset event at plant 2
  - 8/17: Exceedance of Hydrogen Sulfide (H<sub>2</sub>S) limit of 162ppm in flare gas (3-hr average)
    - Max reported value of 300ppm, Occurred at the east plant
    - Occurred due to upset event at plant 2
  - 8/17: Exceedance of opacity limit of 20% (6 min average)
    - Max reported value of 29%, Occurred at the east plant
    - Occurred due to upset event at plant 2
  - 8/23: Exceedance of Sulfur Dioxide (SO<sub>2</sub>) limit of 15.68 lb/hr
    - Max reported value of 18.44 lb/hr, Occurred at the west plant
    - Occurred due to planned start up of Sulfur Recovery Unit (SRU)



a. Maximum self-reported value during event window

b. These are draft emissions estimates and are subject to revisions and/or updates. The final emissions will be reported on CDPHE's quarterly excess emissions reports.

c. Information regarding the cause of the deviation may change based on the results of pending investigations.

# CDPHE Information on Suncor

- 8/23: Exceedance of Sulfur Dioxide (SO<sub>2</sub>) limit of 500 lbs/24 hr period
  - Max reported value of 642 lbs
  - Occurred due to H2 Plant trip
- 8/23: Exceedance of Hydrogen Sulfide (H<sub>2</sub>S) limit of 162ppm in flare gas (3-hr average)
  - Max reported value of 300ppm, Occurred at the west plant
  - Occurred due to H2 Plant trip
- 8/26-28 Exceedance of opacity limit of 20% (6 min average)
  - Max reported value of 76%, Occurred at the east plant
  - Start-up attempt of No. 2 FCC
- 8/28-29 Exceedance of CO limit of 500 ppm at 0% O<sub>2</sub> (1-hour average)
  - Max reported value of 1,345 ppm at 0% O<sub>2</sub>, Occurred at the east plant
  - Start-up attempt of No. 2 FCC
- 9/5 Exceedance of opacity limit of 20% (6 min average)
  - Max reported value of 48%, Occurred at the east plant
  - Start-up attempt of No. 2 FCC
- 9/10 Exceedance of opacity limit of 20% (6 min average)
  - Max reported value of 38%, Occurred at the east plant
  - Start-up of No. 2 FCC

a. Maximum self-reported value during event window

b. These are draft emissions estimates and are subject to revisions and/or updates. The final emissions will be reported on CDPHE's quarterly excess emissions reports.

c. Information regarding the cause of the deviation may change based on the results of pending investigations.



# Suncor Monthly Update

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- The following information is provided by Suncor regarding their recent updates and activities at the Commerce City Refinery.

## **Community Air Monitoring:**

- CCND Air Monitoring is now live. This program was developed in a coordinated and collaborative manner with existing air monitoring networks in the Commerce City and North Denver communities. It also has been shaped by community input, including from public meetings held in May.
- Through CCND Air Monitoring, the community can access continuous air monitoring information from eight sensors reporting in near real-time, as well as through laboratory analysis and a mobile monitoring van.
- Suncor Energy (U.S.A.) Inc. and Montrose are finalizing the final two air monitoring locations, for a total of ten.
- Community members can now visit [www.ccnd-air.com](http://www.ccnd-air.com) to learn more about the program and air monitoring and access the data. The website is available in both English and Spanish.
- In the near future, CCND Air Monitoring data will also be available via a smartphone app.
- CCND Air Monitoring was not required in the 2020 settlement agreement with CDPHE. Suncor voluntarily committed to developing this program in response to feedback from the community in the fall of 2020.

# Suncor Monthly Update

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- The following information is provided by Suncor regarding their recent updates and activities at the Commerce City Refinery.

## Improvement Spotlight:

- Suncor will share periodic updates on their progress to improve performance at the Commerce City Refinery. These updates will focus on actions taken to enhance the refinery's safety, reliability, culture, and training as they implement the Improvement Plan that was shared with the community in April 2021.
- The first update, which highlights recent Plant 1 and 3 maintenance and FCC upgrades, is available in English and Spanish at [Suncor.com/ccr-report](https://www.suncor.com/ccr-report).

## Community Investment:

- Suncor actively and voluntarily supports the local community through grants and sponsorships supporting charitable organizations and initiatives that align with their community investment strategy.
- They also support their employees' engagement in their local communities through a volunteer rewards program and a dollar-for-dollar matching program for employee donations.
- None of these investments are a part of the SEP requirements or settlements with the state or other authorities.

# Suncor Monthly Update

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- The following information is provided by Suncor regarding their recent updates and activities at the Commerce City Refinery.

## **Community Investment:**

- Recently awarded grants and sponsorships directly benefiting Commerce City include:
- Kids First Health Care (\$50,000, general operating and program support)
- ACCESS Housing of Adams County, Inc. (\$10,000, general operating and program support)
- Adams 14 School District (\$6,000, monthly recognition program for non-licensed professionals in the district)
- 60th Annual South Adams County Fire Fighters Association Spaghetti Dinner (\$1,000 "Fire Chief" sponsorship)





# Questions?

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