



# Environmental Planning and Policy Update / Oil and Gas Update

City Council Meeting November 2021

# Introduction

---

- New presenter – Anita Riley, Principal Planner
- Filling in temporarily
- Currently recruiting for Domenic's replacement





# 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- Two applications (Harlo and Anteater) were withdrawn due to inactivity.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

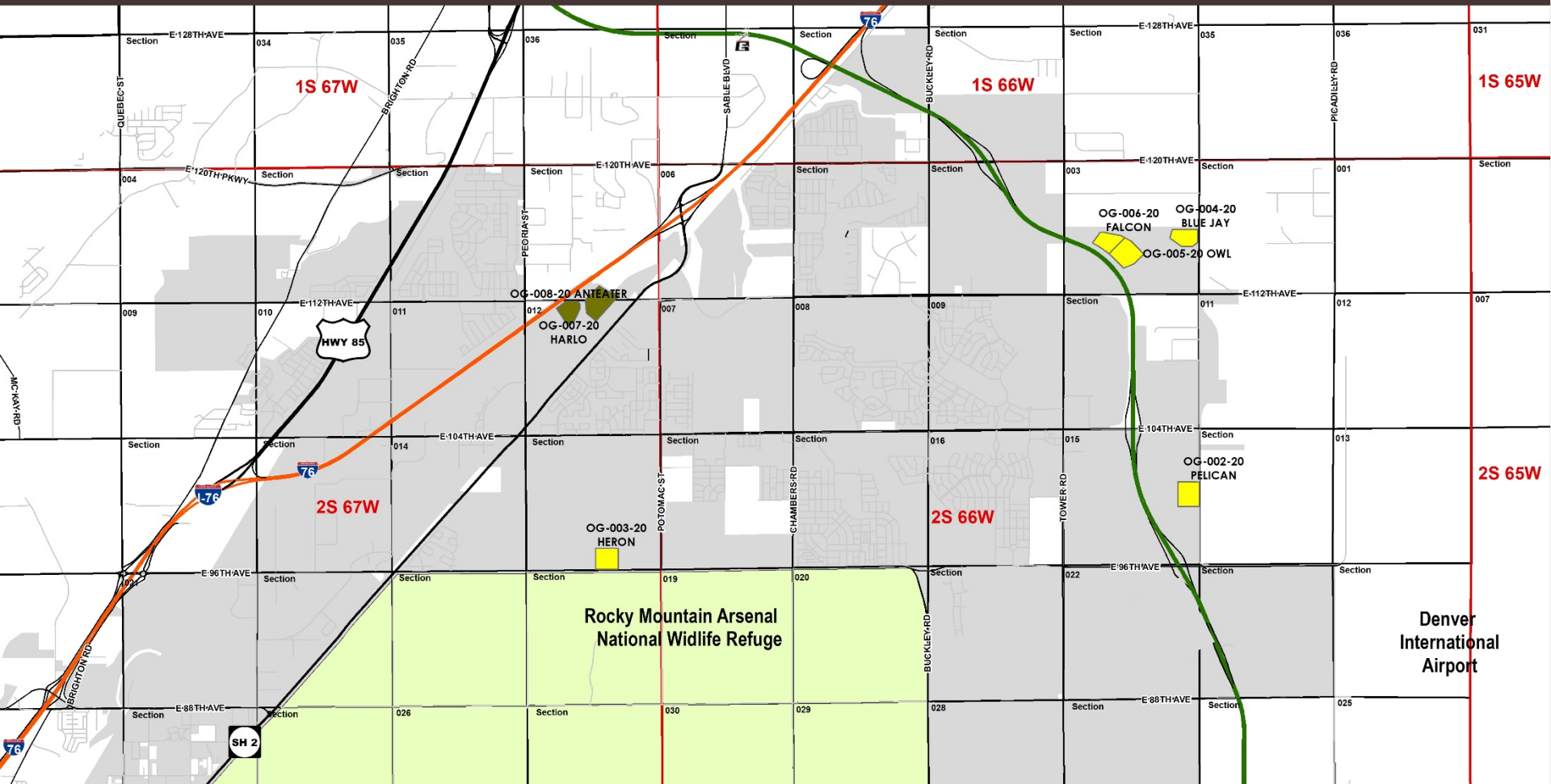


# City Oil and Gas Permits

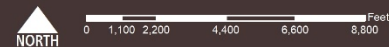


Submitted City Permits

Active as of 10/22/2020



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- Withdrawn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



# State Permit Applications

---

- No remaining 2a applications

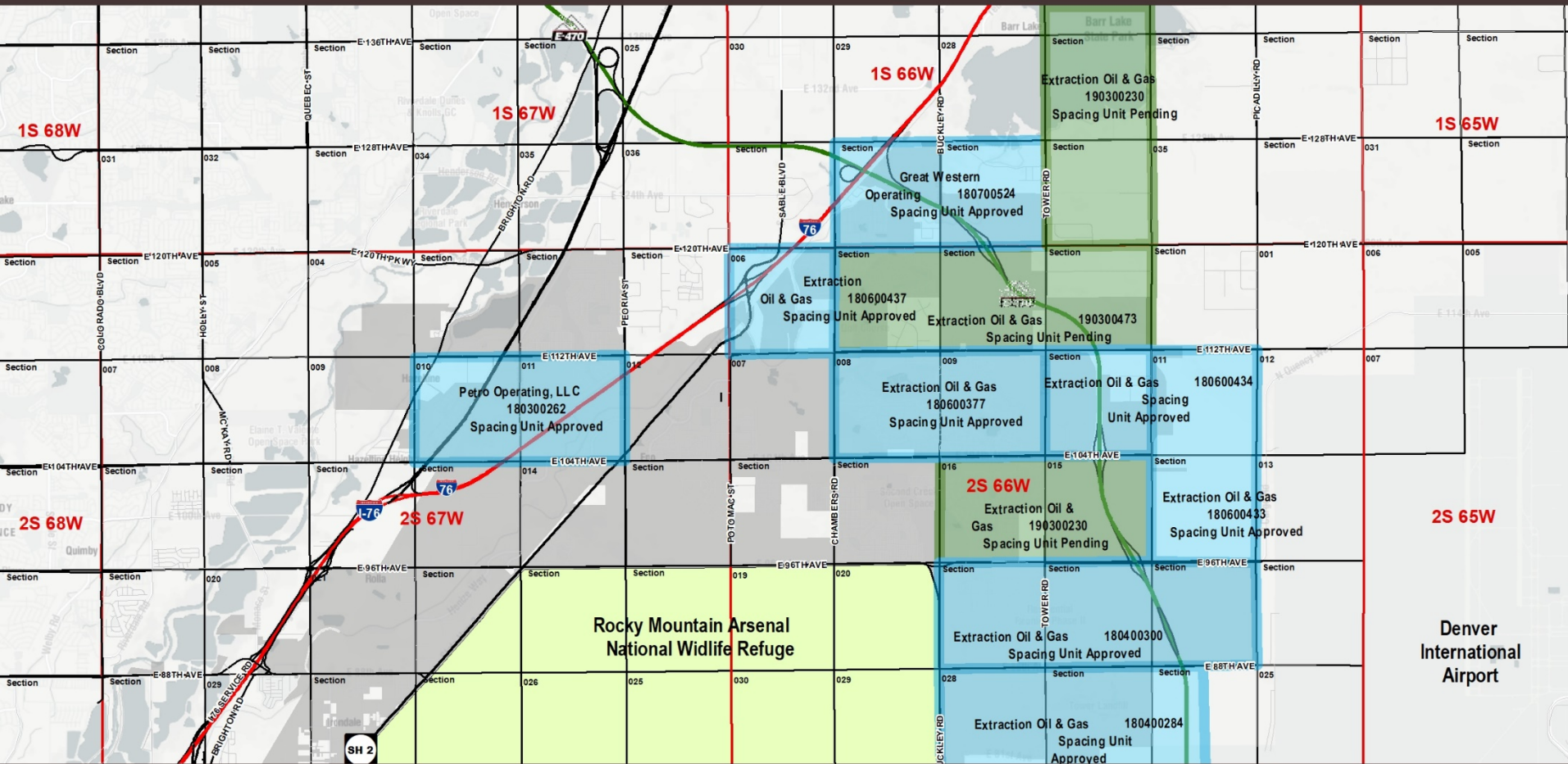


# Map of COGCC Activity



## Applications to the COGCC Within CommerCe City Boundaries

Active as of 9/10/2021



### Status of State Applications

- Spacing Unit Approved
- Spacing Unit Pending
- City Limit Boundaries
- Pending Form 2A
- Approved Form 2A



\*This map represents all pending Form 2A applications, and spacing applications that have been submitted by Oil & Gas operators to the COGCC. Approval of a spacing unit by the COGCC does not constitute the ability to drill, unless Form 2's and 2a's within that section are also approved, and a city permit has been issued.



# Environmental Update





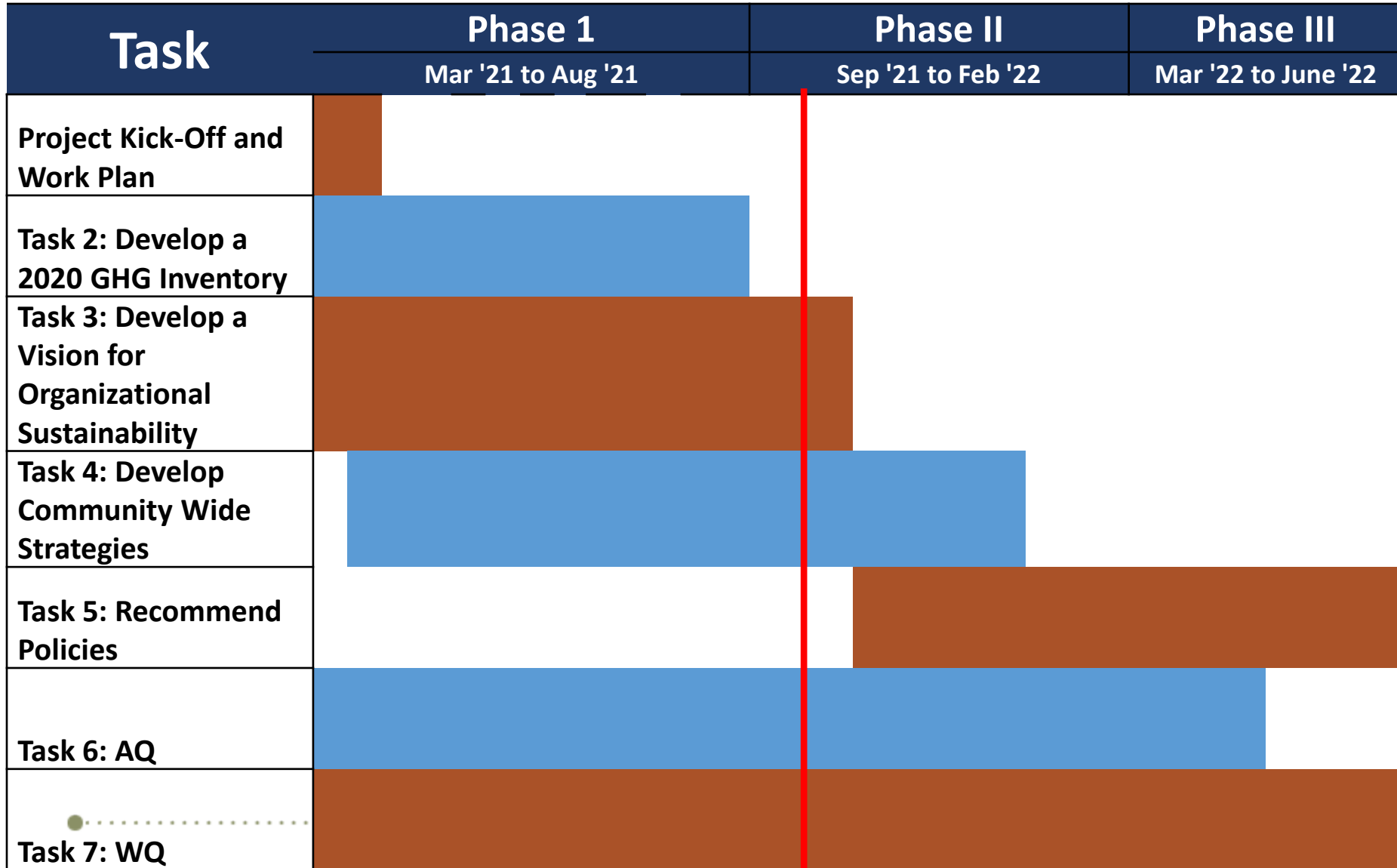
# Policy Development Update

---

- City Organizational Sustainability Survey
  - Collecting final feedback from City staff on prioritization of actions identified by focus group
- 2019 Greenhouse Gas Inventory and BAU Analysis delivered
  - Final report and takeaways posted on City’s environmental webpage ([c3gov.com/environment](http://c3gov.com/environment))
- Environmental Policy Advisory Committee
  - Recruitment for 2 more members continuing
  - Meetings on pause until new planner hired
  - Resources and information will be provided to EPAC members to maintain engagement and in preparation of future meetings
- Air Quality Monitoring Plan in development
  - More detail to be added based on feedback from Oct 11 Study Session
- Thresholds Report in development
  - Identify existing thresholds that sources have to comply with
  - Provide ideas on additional thresholds that City could use in policy



# Timeline - Policy Development



# CDPHE Information on Suncor

- 3 exceedances by Suncor since last update (September 24 – October 22)
  - 9/25: Exceedance of Sulfur Dioxide (SO<sub>2</sub>) limit of 15.68 lb/hr (1-hr average)
    - Max reported value of 33.38 lb/hr, Occurred at the west plant
    - Occurred due to compressor tripped
  - 9/25: Exceedance of Sulfur Dioxide (SO<sub>2</sub>) limit of 250 ppm (12-hr average)
    - Max reported value of 303 PPM, Occurred at the west plant
    - Occurred due to compressor tripped
  - 10/8: 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
    - Cause under investigation

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

---

- The following information is provided by Suncor regarding their recent updates and activities at the Commerce City Refinery.
- **Community Air Monitoring:**
  - Suncor and Montrose will be presenting an overview of CCND Air Monitoring at the Air Quality Enterprise meeting on November 2, and the first set of reports will soon be available at [ccnd-air.com](http://ccnd-air.com).
  - PM<sub>2.5</sub> data from CCND Air Monitoring is now available via a smartphone app through the Love My Air program.
- **Community Investment:**
  - Suncor provided a \$50,000 grant to the Adams 14 Education Foundation to support post-secondary scholarships for district students, classroom grants for teachers, and sponsorships for the Foundation's annual "14er Fest" fundraiser as well as the Leadership Commerce City program.
  - Suncor is supporting the Sand Creek Regional Greenway Partnership with a \$30,000 grant to support its preservation and promotion of the 14-mile urban trail that connects the neighborhoods of southern Commerce City, northeast Denver and northwest Aurora to more than 100 miles of urban trails in the metro region.
  - Through the "Giving Pump" campaign currently in progress at Suncor's Shell-branded retail gas stations, Suncor is donating \$.05 per gallon sold to Boys and Girls Clubs throughout Colorado. The program has raised more than \$157,000 through September and will continue running into early 2022.



# Suncor Monthly Update

---

- The following information is provided by Suncor regarding their recent updates and activities at the Commerce City Refinery.
- **Reportable Event Summaries:**
  - The refinery complies with many air, water, and hazardous materials-related reporting requirements, including reports required by permits.
  - A monthly summary of what has been submitted to the Colorado Department of Public Health and Environment (CDPHE) will be available at [Suncor.com/Colorado](http://Suncor.com/Colorado) in the safety and environment section by the middle of the month.
- **PFAS Treatment System:**
  - To do their part to reduce historical PFAS impacts to surface water, Suncor has voluntarily installed, and is commissioning, a water treatment solution to help ensure that the refinery's surface water discharges are below the Environmental Protection Agency's (EPA) Drinking Water Health Advisory of 70 ppt.
  - This new treatment system uses proven activated carbon technology that has an established history of success in removing PFOA/PFAS in treated wastewater discharges.
- **Sand Creek Barrier Wall:**
  - The refinery is nearing completion of the replacement of the existing underground barrier wall and building a second, parallel barrier wall. These enhancements will improve conditions at the boundaries of the refinery.



# Questions?

.....●  
.....●.....  
City Council Meeting November 2021