



# Oil & Gas Monthly Update

City Council Meeting February 2021

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- Two applications (Harlo and Anteater) were withdrawn due to inactivity.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

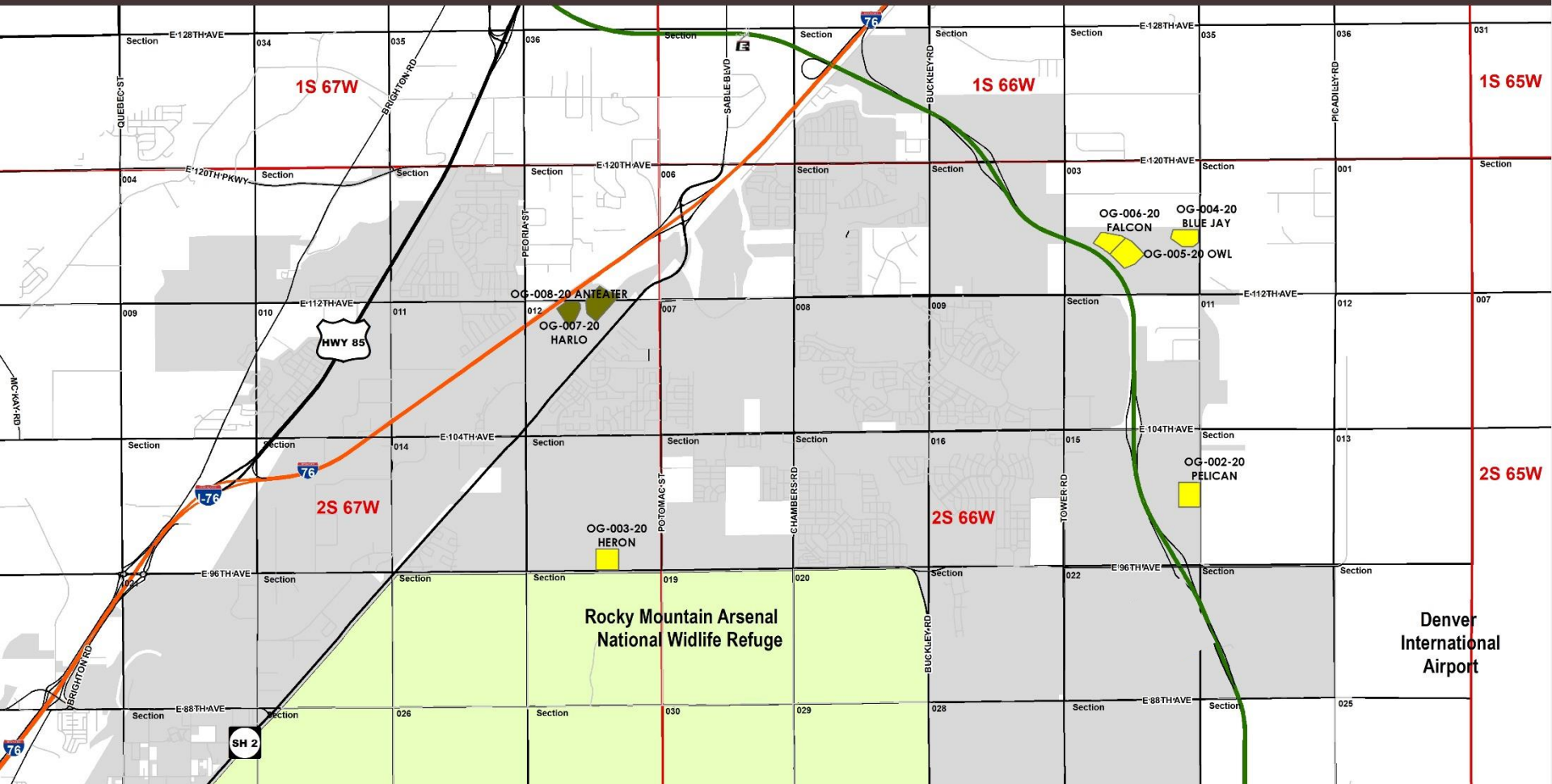
- All operators have asked (at the request of the city) that holds be placed on the processing of all Form 2A's, with the additional request of a 2<sup>nd</sup> comment period.
- Oil and Gas Permits may not be approved until Council actions have occurred *and* a CUP for a pipeline has been approved by Council, per the ROA.

# City Permits



## Submitted City Permits

Active as of 10/22/2020



— local streets

Approved Under Review City Limit Boundaries  
Denied Withdrawn



0 1,100 2,200 4,400 6,600 8,800 Feet

# Review Schedule

Site Name	Case Number	Date Permit Application Initially Submitted to City	Date Permit Application Deemed Complete By Staff	Application Resubmittal Date	Referral Agency Comments Due to Staff	Permit Status (Approved / Pending / Denied / Withdrawn / Completeness Review)
Condor	OG-001-19	10/8/2019				Completeness Review
Pelican	OG-002-19	10/8/2019	10/21/2019	10/21/2020	12/2/2020	Pending
Heron	OG-003-19	10/18/2019	11/4/2019	10/21/2020	12/2/2020	Pending
Blue Jay	OG-004-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Owl	OG-005-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Falcon	OG-006-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Harlo	OG-007-19	10/21/2019	11/4/2019			Withdrawn
Anteater (Jacobson)	OG-008-19	12/10/2019	12/23/2019			Withdrawn

# State Permit Applications

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- No activity since last update
- The City anticipates that Extraction's 2A permit applications must be resubmitted to the COGCC under new state regulations effective January 15, 2021

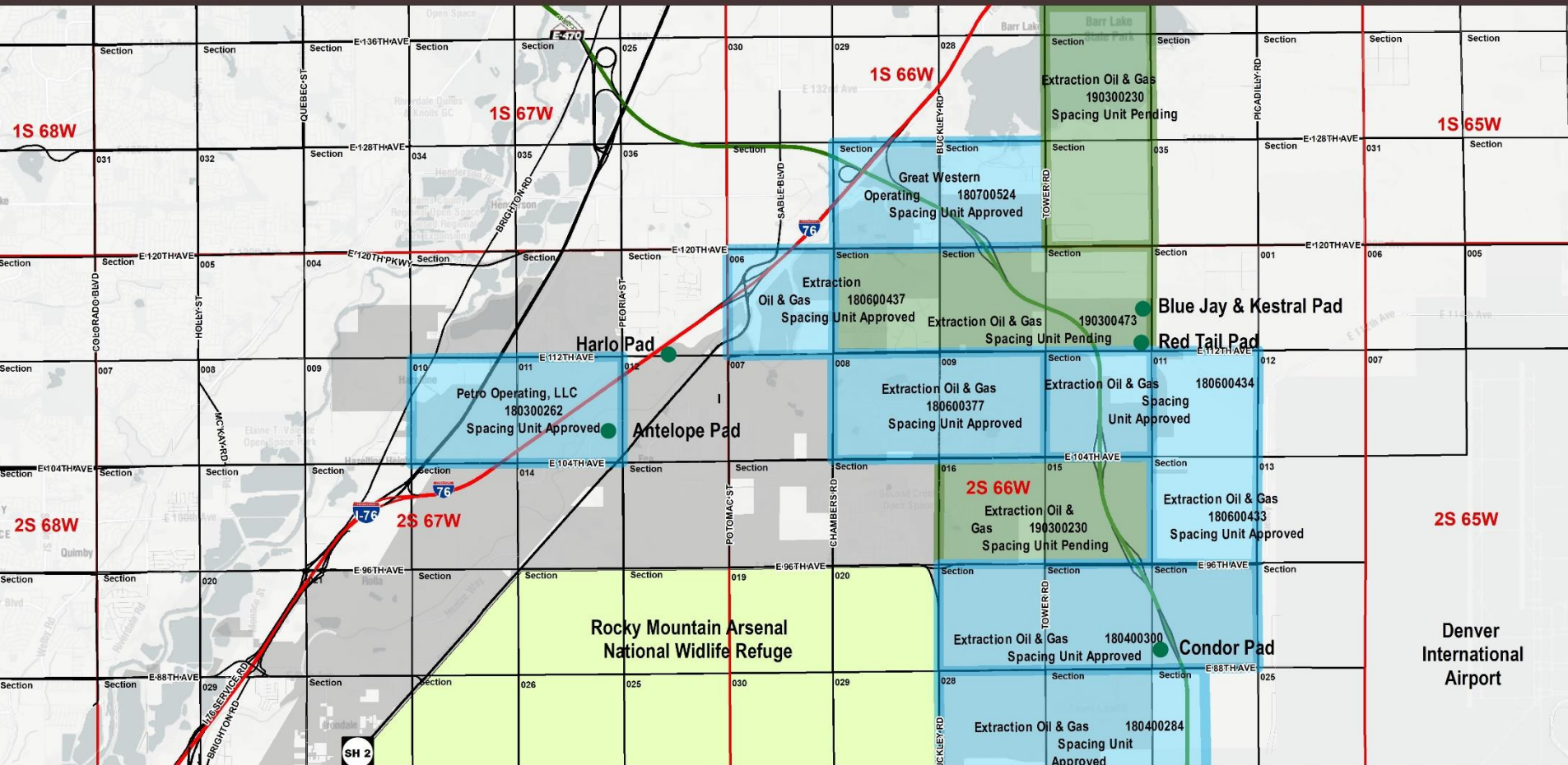


# Map of COGCC Activity



Applications to the COGCC Within Commerce City Boundaries

Active as of 10/22/2020



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.



0 1,400 2,800 5,600 8,400 11,200 Feet

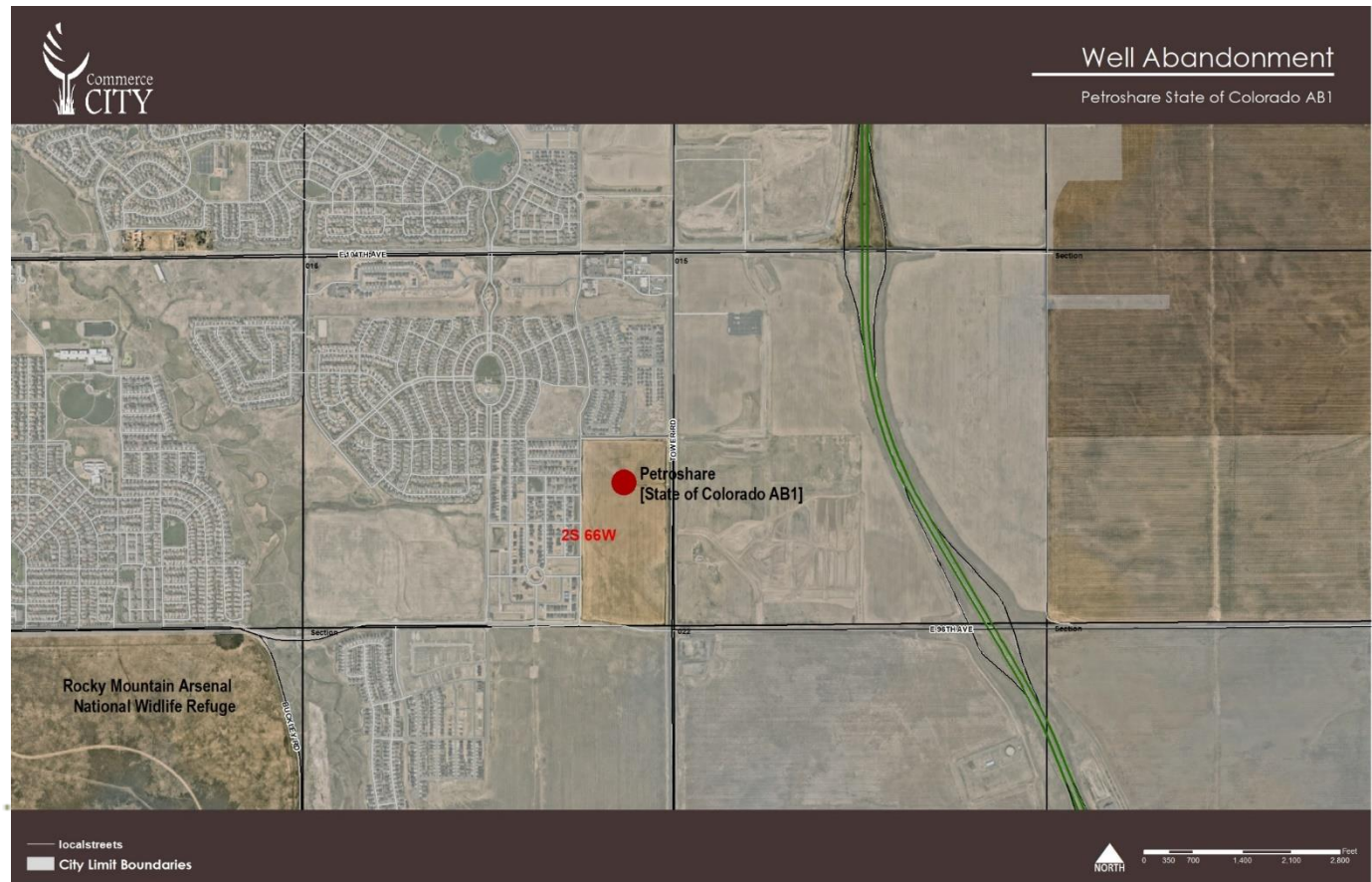


# General Updates

- Suncor Title V Permit Public Comment Period delayed – to begin on or after February 17, 2021, will last 30 days
  - Potential for comment period to be extended to 60 days
  - Potential for public comments to trigger a public hearing (division is expecting this will occur)
  - Delayed to allow for more public engagement & smaller group listening sessions
  - Comments can be sent to [cdphe.commentsapcd@state.co.us](mailto:cdphe.commentsapcd@state.co.us)
  - [Sign up for Air Pollution Control Division Notices Here](#)
- Suncor's Water Quality Discharge permit is up for renewal in 2021
  - Kick off public meeting scheduled for February 17, 2021 from 6-8PM
- Study Session scheduled with Suncor on March 8
  - To discuss recently occurring upset and exceedance events, and answer any specific questions that council has on any particular event and potential remediation that has occurred
- AQCC Regulation 7 Rulemaking
  - Prehearing statement submitted by the Local Government Coalition
  - Commerce City is party to the rulemaking via the coalition
  - Statement is in support of the division's proposal to reduce VOC's and Methane emissions from new and existing Oil and Gas Facilities
- Letter of Support
  - Commerce City joined a letter of support for a grant for research and modeling of air pollutants and noise exposure near unconventional Oil and Gas Development
  - Colorado School of Public Health, CDPHE, and CSU is pursuing funding from the Health Effects Institute for this grant

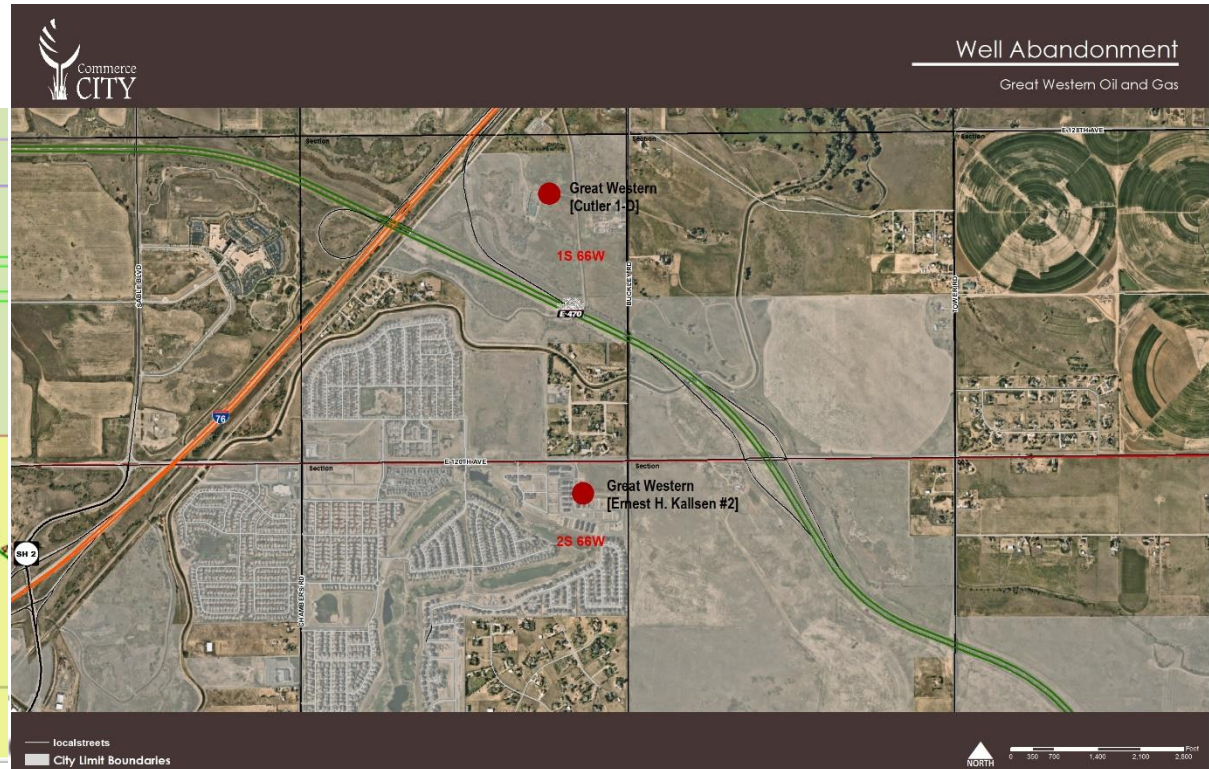
# P+A – Petroshare Well

- Petroshare (State of Colorado AB1)
  - Located in Unincorporated Adams County Enclave
  - Well plug & abandonment operations started on January 28. Existing tank battery & separator to be removed concurrently.
  - Well is being plugged under the State's orphan well program – landowner is funding the abandonment, but work is being conducted by the state
  - Abandonment of well will take 2 days, (process takes an additional 5 days to verify that no gas migration is occurring, for a total of 7 days)





- 2 wells were plugged & abandoned by Great Western Oil and Gas in January
  - Ernest H Kallsen #2 (Villages @ Buffalo Run East)
    - Being re-plugged. Original work was conducted in 1996
    - Abandonment of the well began on January 12, and concluded on January 20
    - After additional evaluation, cement coverage in the Niobrara formation needed to be replaced, to meet current regulations
  - Cutler 1-D (Cutler Property)
    - Was plugged & abandoned in preparation for the Edmunson 30 well pad in Adams County. Existing well target the same formation, and is being abandoned for safety purposes.
    - Abandonment of the well began on December 22, 2020 and concluded on January 6, 2021.



# CDPHE Information on Suncor

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- 1 upset event by Suncor since last update (December 23 – January 27)
  - 1/27: Exceedance of Sulfur Dioxide (SO<sub>2</sub>) limit of 500 lbs/24 hr period
    - Reported value of 618lbs of SO<sub>2</sub>, due to lost flare gas recovery system due to RV lift in the 4 hydrodesulfurization unit

a. Maximum self-reported violation 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 Report

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- Is included as an attachment in the packet
- Is provided as a monthly update by Suncor
- Includes discussion on:
  - Emergency alerts and notifications – alerts ready now; notification sign-ups coming in late February
  - Turnaround – expect more activity on site
  - Community air monitoring update – in conversations with Commerce City and CDPHE (if you can expound on our discussions, even better)
  - Permit renewals – Title V and wastewater
  - Environmental performance update – how exceedance data is reported; process for staff going forward
  - More ways to be informed – website and study session





# Questions?

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City Council Meeting February 2021