



Environmental Planning and Policy Update / Oil and Gas Update

City Council Meeting June 6, 2022

EPAC Schedule and Progress

Regular Meetings	Topic	Policy /Products	Projects
3/1/22	Sample Goals, Community Projects, Areas of Concern & Information Requests	Recreation Waivers - Extreme Heat Days	Community Gardens
		Emergency Response Teams	
			Capacity building for city, state, Suncor and federal interactions
4/28/22	Public Health & Air Quality		Tree Planting
5/26/22	Waste and Water		
6/23/22	Tree Canopy, Community Gardens		
7/2/22	CCDN Air Monitoring		
7/7/22	Energy		
7/28/22	Transportation		



Suncor – Air, Water & Fire

A decorative horizontal line consisting of small white dots, with two larger blue dots positioned at the left and right ends of the line.

Exceedance Reports – Updated Databases Packet

9Q Historical Data



List of
exceedances
from 2020 – 2022



Date/Time



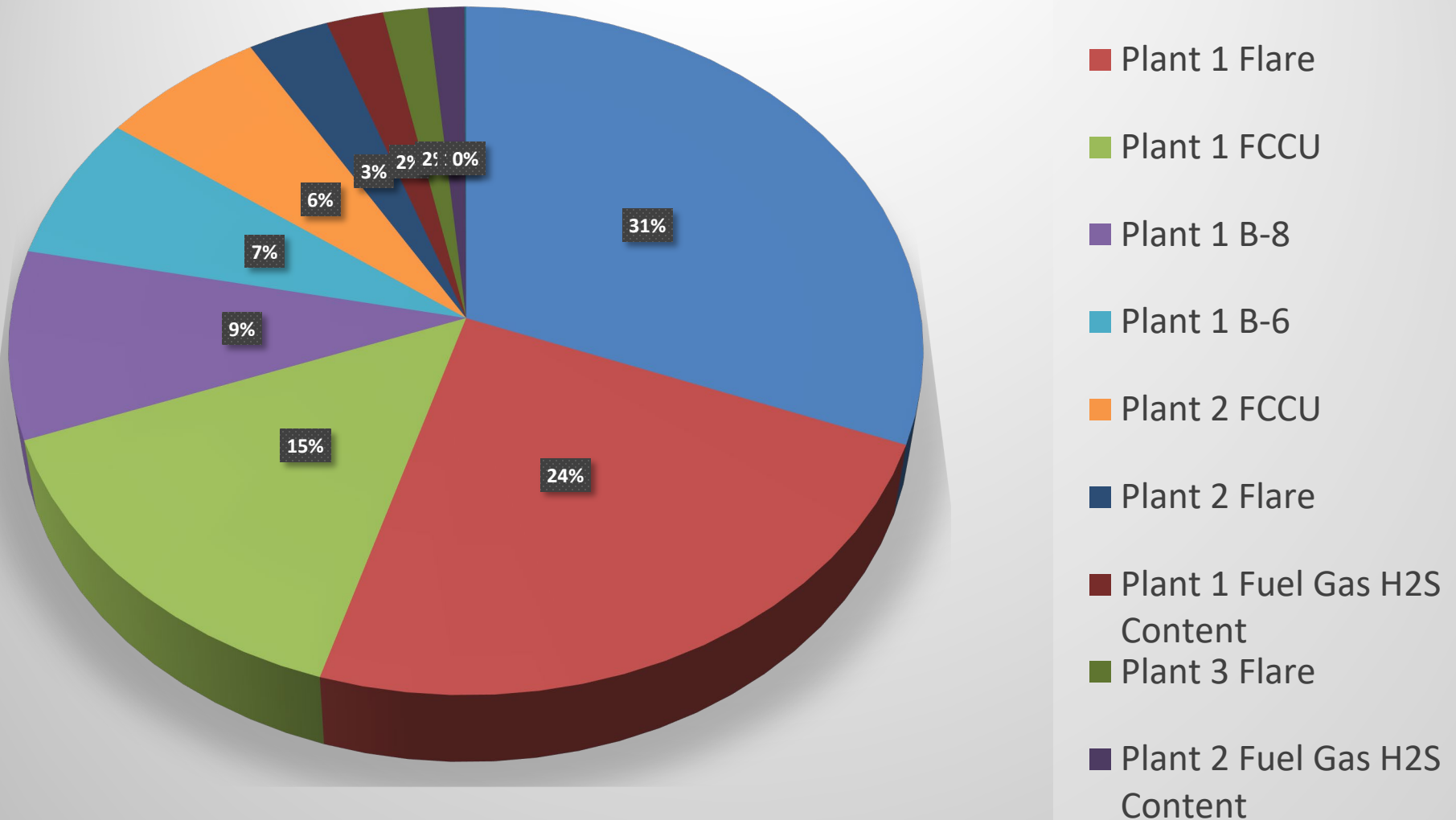
Location

Compliance Data

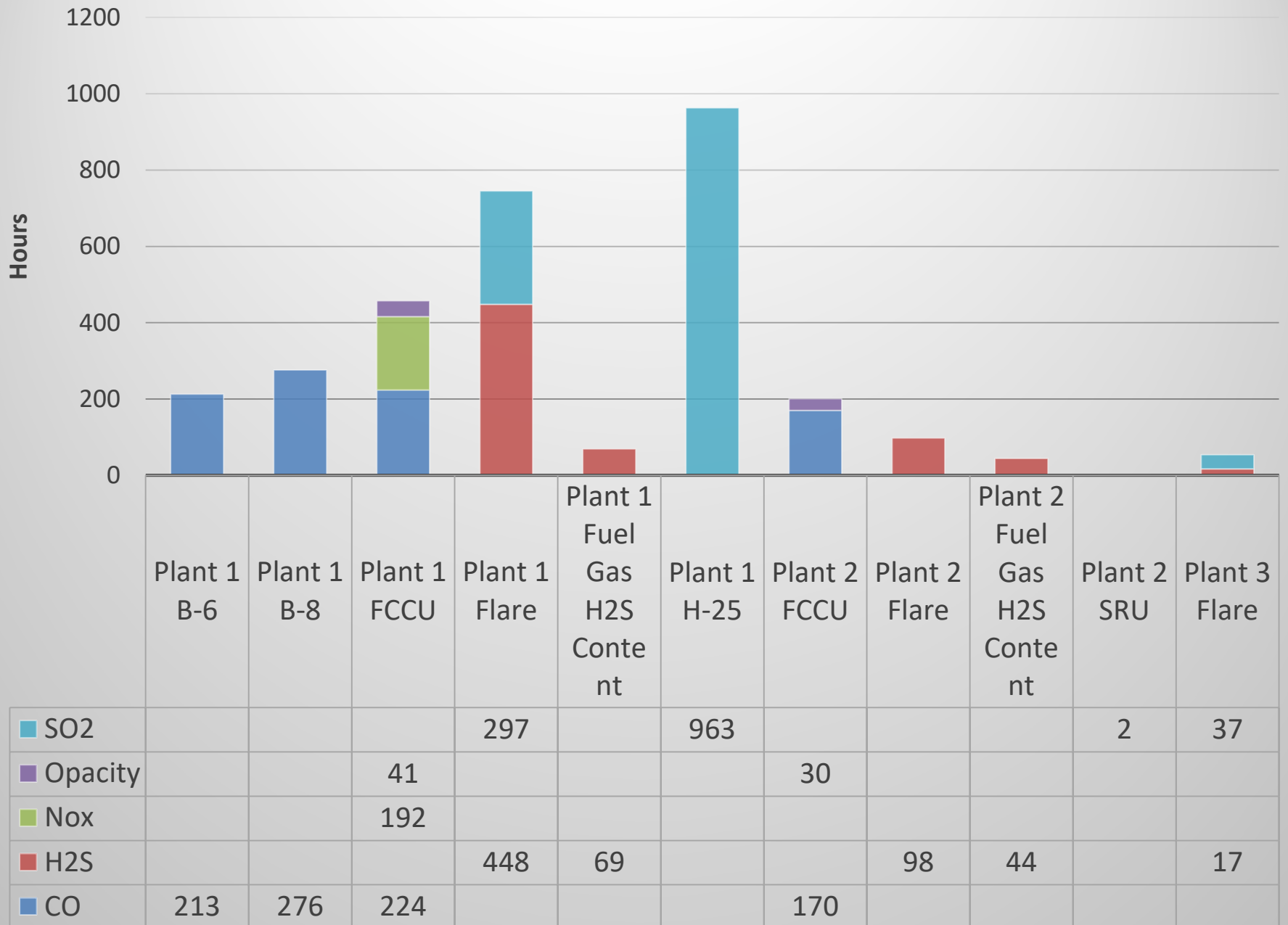
- Exceedance Report by pollutant
- Data with emission codes
- List of select exceedances and corresponding readings on community monitors
- NPDES Violations (2019 -2022)

Suncor Compliance Databases & Analysis

Excess Emission Hours by Source



Pollutant Hours By Source



May 9, 2022- Plant 1 Fire

On May 9th at 4:48 the fire alarm was activated at the refinery. Suncor Emergency Response Teams were immediately activated and they extinguished the fire in a Plant 1 gasoline-making unit. There were no reported injuries and Suncor notified the appropriate response and regulatory agencies including the Colorado Department of Public Health & Environment. Suncor is working to determine the cause of the fire.



Water Quality: Antidegradation Designation

Colorado Department Public Health & Environment (CDPHE): reviews and allows discharges through permit based on receiving water classification.

Water Quality Control Commission (WQCC):

Classify waters as “Outstanding” (highest quality), “Reviewable” (economic consideration), or “Use Protected” (lowest quality). CRS §25-8-209.;

Warm I or II (aquatic), recreation and **water supply**

Must do so at least every 3 years. CRS §25-8-202(1)(f).

Rules 31 and 38

Receiving Water Determinations

Point
Non-
Point

- Can the pollutants allowed in the 24,000 MS4 and NPDES be diluted by the stream flows ?
- How do non-point sources contribute to the H2O quality?

Stream
Segments

- Should economic factors be included in discharge limits?
- If so, water designation can be reclassified.

Water
Supply

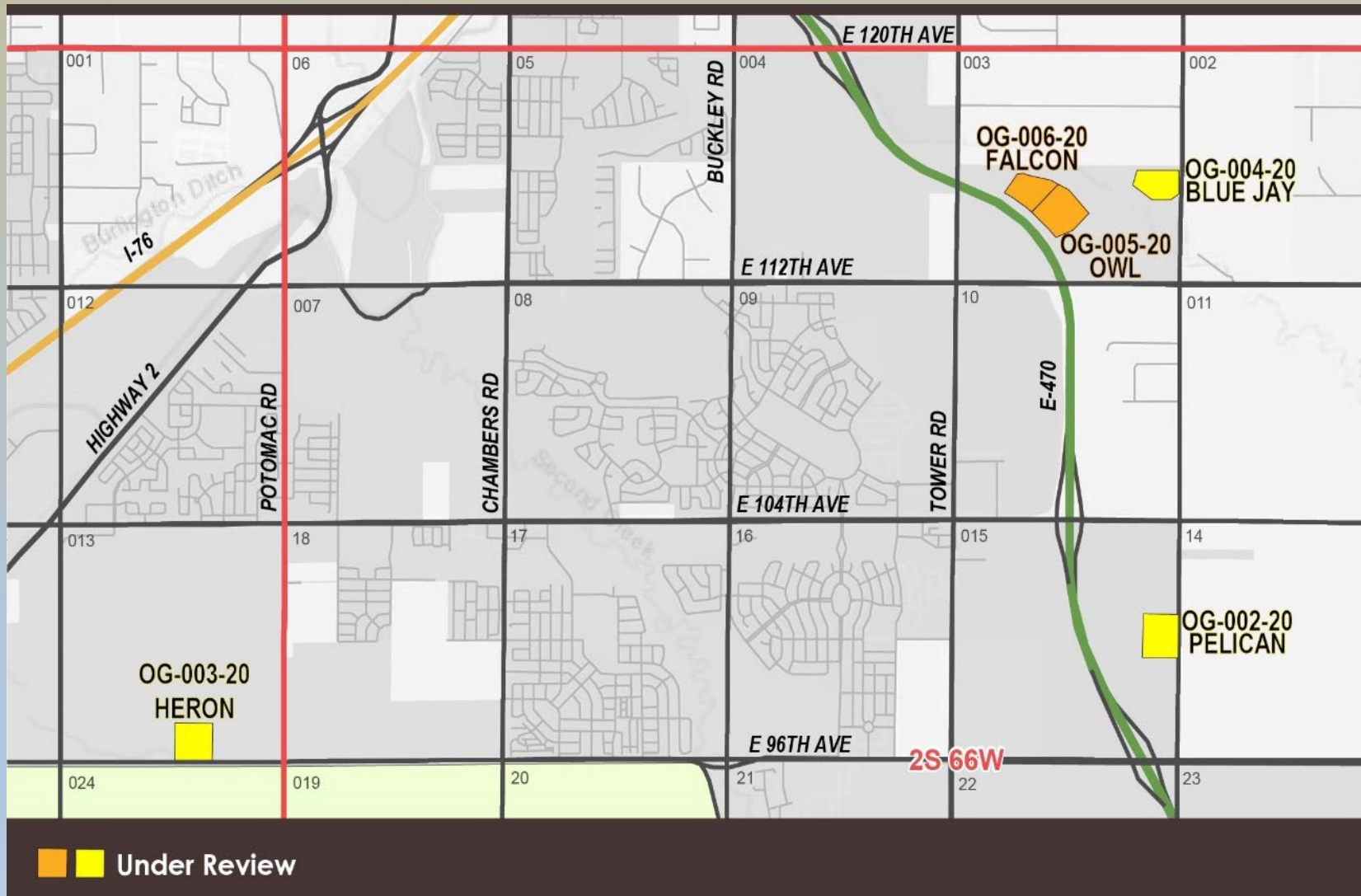
- Should segments of Sand Creek be classified as a water supply?



Oil and Gas Update



City Oil and Gas Permits



*Per ROA, one site may be approved, but not both.



Questions/Comments?

Please contact:

Dr. Rosemarie Russo
Environmental Planner III

rrusso@c3gov.com

(303) 289-3652

*I thank
you*

