



# 2021 Adams County Oil & Gas Regulation Amendments Stakeholder Meeting

*April 27, 2021*

Greg Dean  
Oil & Gas Liaison  
[gdean@adcogov.org](mailto:gdean@adcogov.org)

[adcogov.org/regulation-amendments](http://adcogov.org/regulation-amendments)





# 2021 Oil & Gas Regulation Amendments Stakeholder Meeting

## Agenda



**Amendment Process Timeline**



**Phase I Focus Areas**



**Proposed Regulation Summary**



**Noise Standards**



**Setbacks**

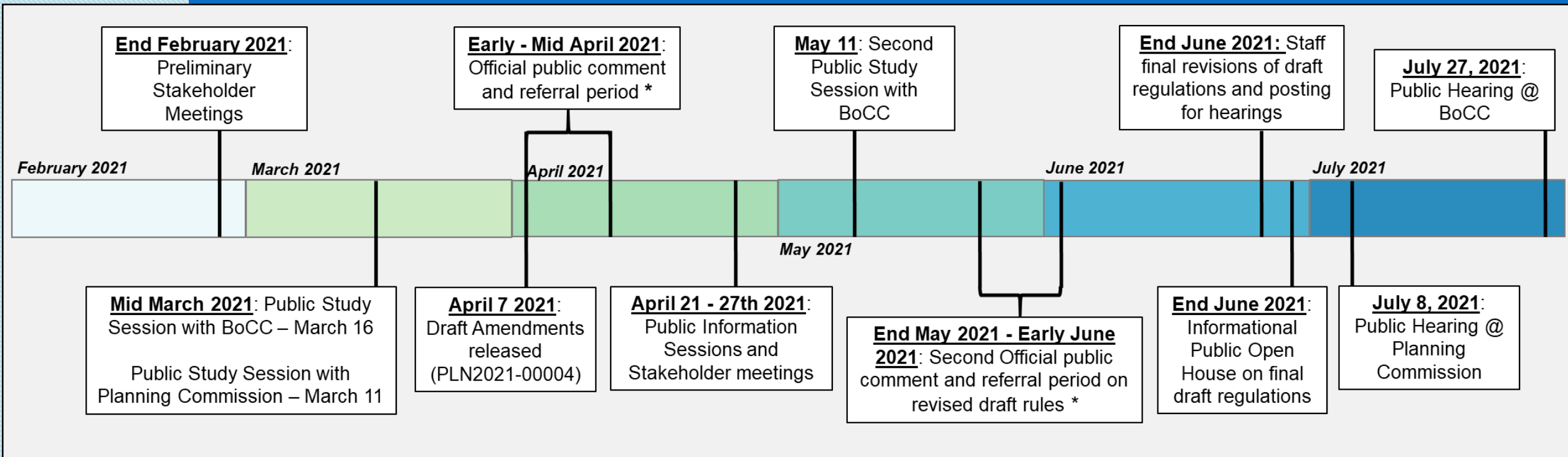
- **Setback Measurement**
- **Setback spatial analysis**



# 2021 Oil & Gas Regulation Amendments Stakeholder Meeting

## Timeline

*AdCo Staff's Timeline*



*\* The County will accept all public comments until the final hearing deadlines*





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## Amendment Focus Areas

★ Staff's focus areas for Phase I of text amendments

Regulation / Topic Area	Current AdCo Regulations vs. new state standards
Pre-Application Process – agency coordination	Not directly regulated by COGCC
Alternative Site Analysis	ACDS&R already exceed new state standards
Emergency Preparedness and Response Plan	ACDS&R already exceed new state standards
Landscaping / Visual Impacts Mitigation	ACDS&R already exceed new state standards
Engineering Plans / Documents	ACDS&R already meet/exceed new state standards
★ Environmental Resources & Water Quality	ACDS&R already meet new state standards
★ Traffic & Transportation	Not directly regulated by COGCC
★ Setbacks	ACDS&R do not meet new state standards
★ Cumulative Impacts	ACDS&R do not meet new state standards
★ Community Outreach	ACDS&R do not meet new state standards
★ Noise Mitigation	ACDS&R incorporates COGCC noise standards, already exceeds many new state standards
★ Dust, Odor, and Lighting Impacts	ACDS&R partially meet/exceed new state standards for Dust ACDS&R already meet new state standards for Odor ACDS&R partially meet/exceed new state standards for Lighting
Air Emissions / Air Quality Monitoring	ACDS&R already meet new state emissions standards ACDS&R can require air quality monitoring for any application, AQCC now regulates air monitoring



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## Proposed Regulation Changes - Summary

*\*\*This summary table is for reference only and does not represent all proposed changes to the Adams County regulations for this amendment process*

Regulation / Topic	Current Adams County Regulations	Proposed Adams County Regulations	Proposed changes vs. COGCC standards
<b>Setbacks</b>	<ul style="list-style-type: none"> <li>1,000-feet from the property line of:               <ul style="list-style-type: none"> <li>Existing and high occupancy residences</li> <li>Platted residential lots</li> <li>Schools, future schools, and childcare/daycare centers</li> <li>Environmentally sensitive areas</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>2,000-feet</b> from the property line of:               <ul style="list-style-type: none"> <li>All currently protected entities in AdCo regulations</li> <li>Designated Parks and Open Spaces</li> </ul> </li> <li>1,000-feet from certain groundwater wells</li> </ul>	<b>Proposed AdCo regulations exceed COGCC standards</b>
<b>Cumulative Impacts</b>	<ul style="list-style-type: none"> <li>Not directly regulated in County rules</li> </ul>	<ul style="list-style-type: none"> <li>Cumulative Impacts Plan submission for all applications that submit quantitative and qualitative analysis of short-term and long-term cumulative impacts to: <i>Air, Noise, Light, Dust, Odor, Water (Public Health &amp; Welfare), Traffic, Wildlife, Ecosystems, &amp; Soil</i></li> <li>Plans for addressing, mitigating, and offsetting</li> </ul>	<b>Proposed AdCo regulations meet or exceed COGCC standards</b>
<b>Noise</b>	<ul style="list-style-type: none"> <li>AdCo adopted COGCC noise standards</li> <li>Required Background Noise Study</li> </ul>	<ul style="list-style-type: none"> <li>Retains COGCC increased noise standards in AdCo rules</li> <li>2,000-foot pseudo-setback for noise</li> <li>Requires background noise and noise modelling analysis for all applications</li> </ul>	<b>Proposed AdCo regulations exceed COGCC standards</b>
<b>Community Outreach</b>	<ul style="list-style-type: none"> <li>Neighborhood meetings during pre-application/conceptual review process</li> </ul>	<ul style="list-style-type: none"> <li>Identification of Disproportionately Impacted Communities within ½ mile of the site</li> <li>Requires quarterly neighborhood meetings for locations within ½ mile of any residences or schools post-approval</li> <li>Can require Operators to provide interpretation services and publish all information in languages other than English</li> </ul>	<b>Proposed AdCo regulations exceed COGCC standards</b>



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<b>Regulation / Topic</b>	<b>Current Adams County Regulations</b>	<b>Proposed Adams County Regulations</b>	<b>Proposed changes vs. COGCC standards</b>
<b>Traffic</b>	<ul style="list-style-type: none"> <li>Traffic Impact Analysis requirement</li> <li>Traffic Impact Fees based on size of location and proposed infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Retains Traffic Impact Analysis and Traffic Impact fees</li> <li>Requires lifetime truck traffic estimates during each phase of operations both cumulatively and for each proposed route</li> </ul>	<b>Traffic not directly regulated by COGCC</b>
<b>Alternative Site Analysis</b>	<ul style="list-style-type: none"> <li>Required for all applications</li> <li>Minimum 3 alternative sites, that are at least 1,000-foot apart</li> <li>Can require any plans necessary for Staff to review protectiveness of sites</li> </ul>	<ul style="list-style-type: none"> <li>Required for all locations</li> <li>Minimum of 3 alternative sites, that are at least 500-foot apart and must be distinctly unique</li> <li>Can require any plans necessary for Staff to review the protectiveness of sites</li> </ul>	<b>Proposed AdCo regulations exceed COGCC standards</b>
<b>Water and Wildlife Protection</b>	<ul style="list-style-type: none"> <li>Proof of adequate water supply from applicable source or Water District available for industrial use</li> <li>Water Quality plan and various water source sampling requirements</li> <li>Natural Resource Conservation Overly Resource Review, where applicable</li> </ul>	<ul style="list-style-type: none"> <li>Maintains all current AdCo water protection standards</li> <li>Requires identification of contaminant migration pathways</li> <li>Natural Resources Evaluation for all applications</li> <li>Requires plans for consultation with Colorado Parks and Wildlife</li> </ul>	<b>Proposed AdCo regulations meet or exceed COGCC standards</b>
<b>Other Changes</b>		<ul style="list-style-type: none"> <li>Creation of an entirely new Development Application Guide for OGF Permits and the relocation of all application submittal requirements from Chapter 2</li> <li>Creation and consolidation of development standards for various topics into Chapter 4</li> <li>Other formatting and grammatical changes</li> </ul>	<b>Not applicable</b>



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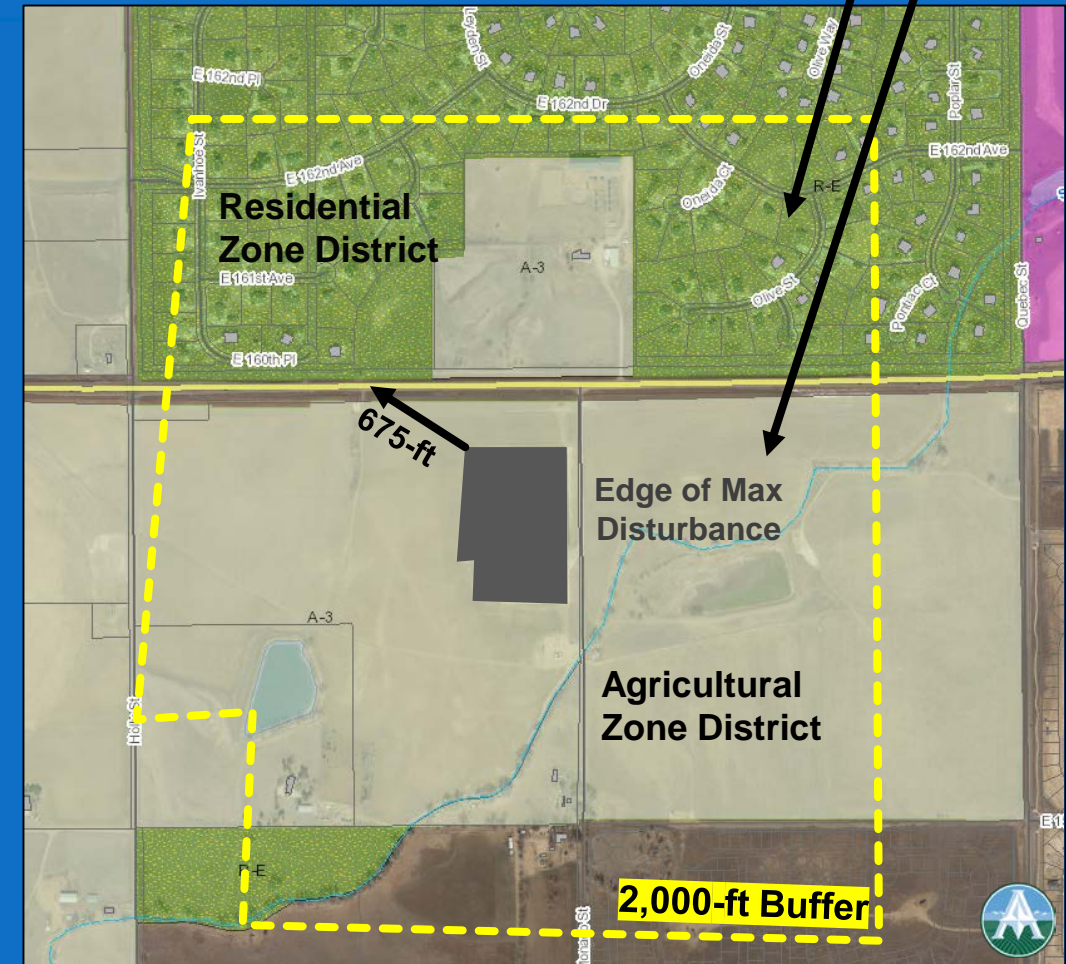
## Proposed Noise Standards

COGCC Table 423-1: Maximum Permissible Noise Levels

LAND USE DESIGNATION	7:00 am to next 7:00 pm	7:00 pm to next 7:00 am
Residential/ Rural/State Parks & State Wildlife Areas	55 db(A)	50 db(A)
Commercial/Agricultural	60 db(A)	55 db(A)
Light Industrial	70 db(A)	65 db(A)
Industrial	80 db(A)	75 db(A)
All Zones	60 db(C)	60 db(C)

### Noise Mitigation Requirements:

- **Noise Mitigation Plan:** Will require an Operator to demonstrate compliance with ACDS&R and COGCC R.423 for noise
  - AdCo will require noise modeling and ambient baseline noise studies for all applications. Submissions must demonstrate compliance during each phase of operation:
    - ✓ Ambient noise study shall measure A and C-weighted noise levels for minimum of 5 days
    - ✓ Noise modeling study shall estimate noise during each phase of operations for A and C-weighted noise
    - ✓ Noise modeling shall include a low frequency noise impact analysis, available C-weighted control measures, and topographic considerations of noise propagation
  - AdCo will require continual noise monitoring at all OGFs located within ½ mile of any residential buildings, schools, or residentially zoned parcels
  - AdCo will require an Operator to comply with the lowest maximum permissible noise level in COGCC R.423 for a location within 2,000-feet of a land-use designation boundary



Example for illustrative purposes



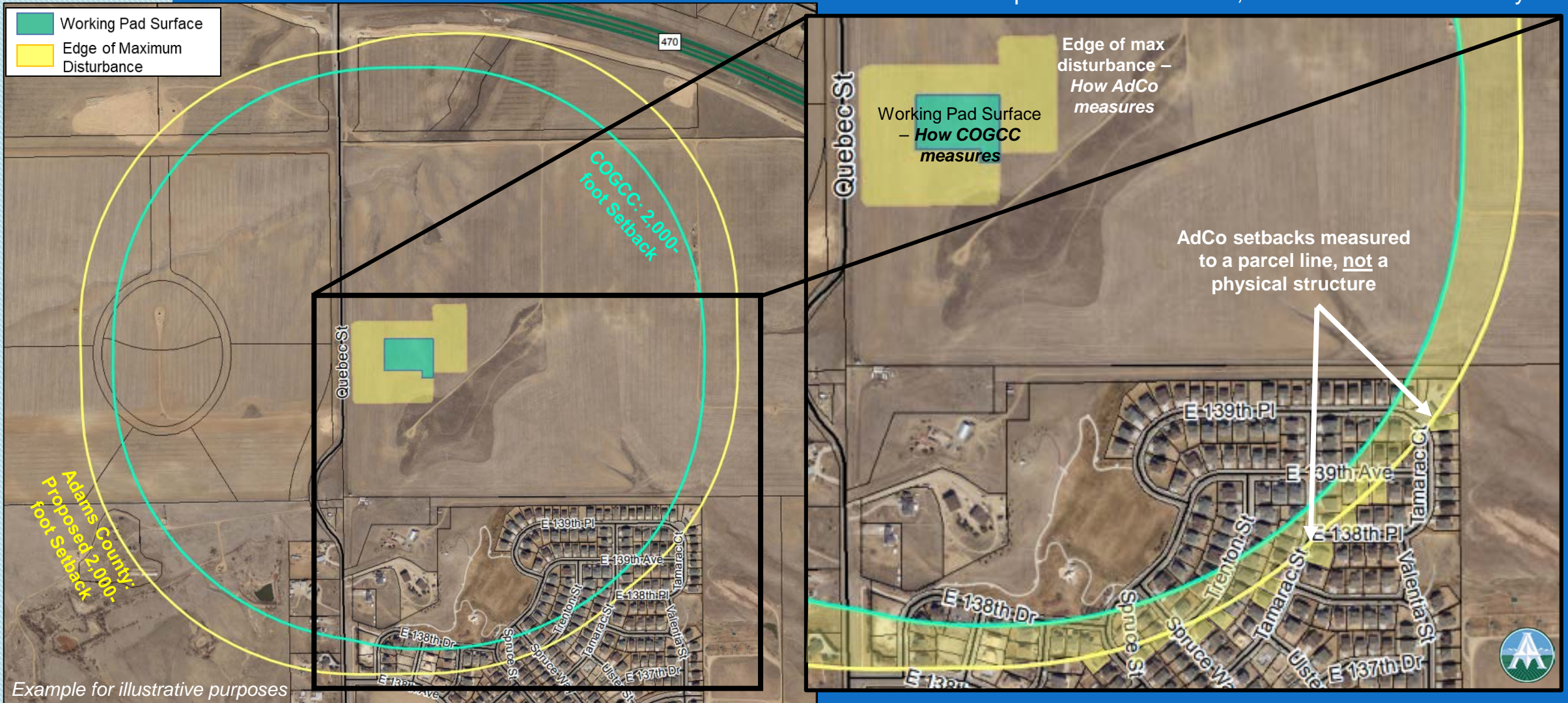


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## Measurement of Setbacks

### Proposed setback measurements:

- From the edge of maximum disturbance to the parcel or property line of an existing residence, platted residential lot, school or childcare facility

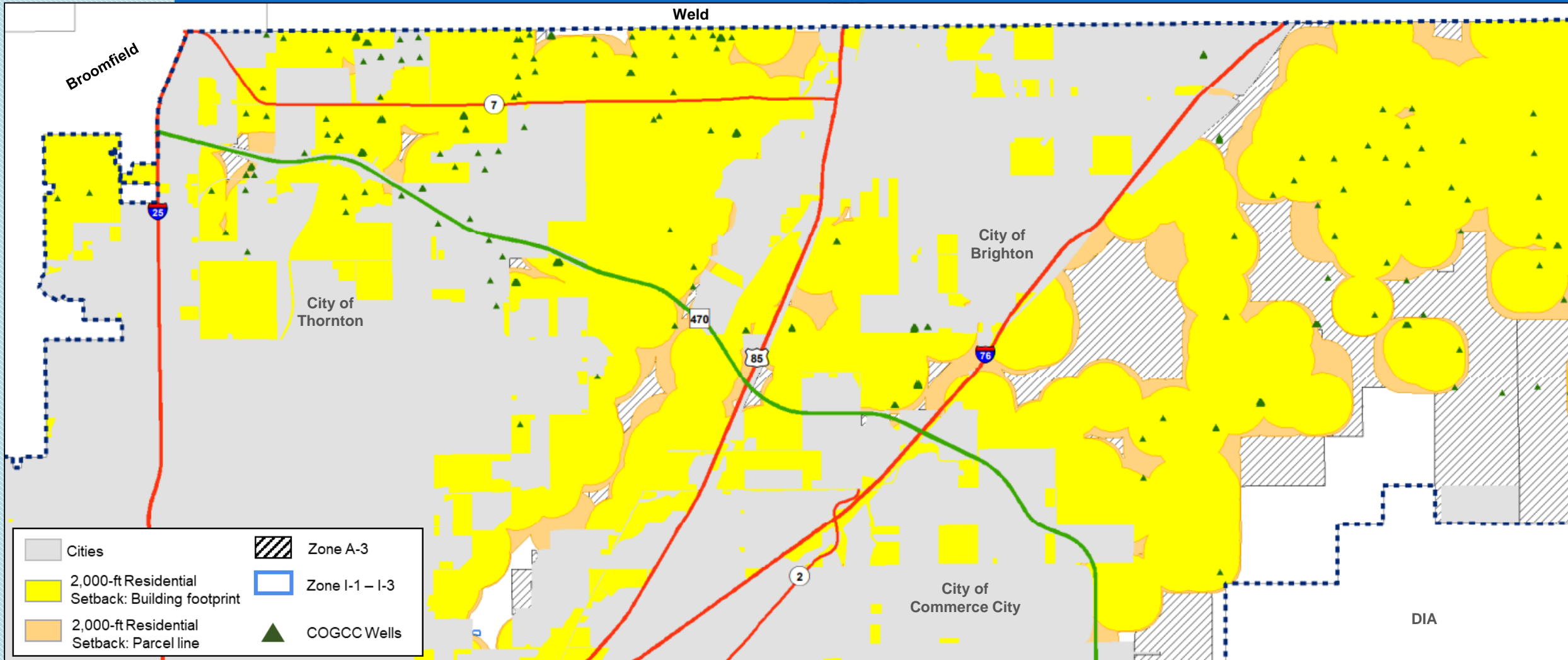






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## Measurement of Setbacks



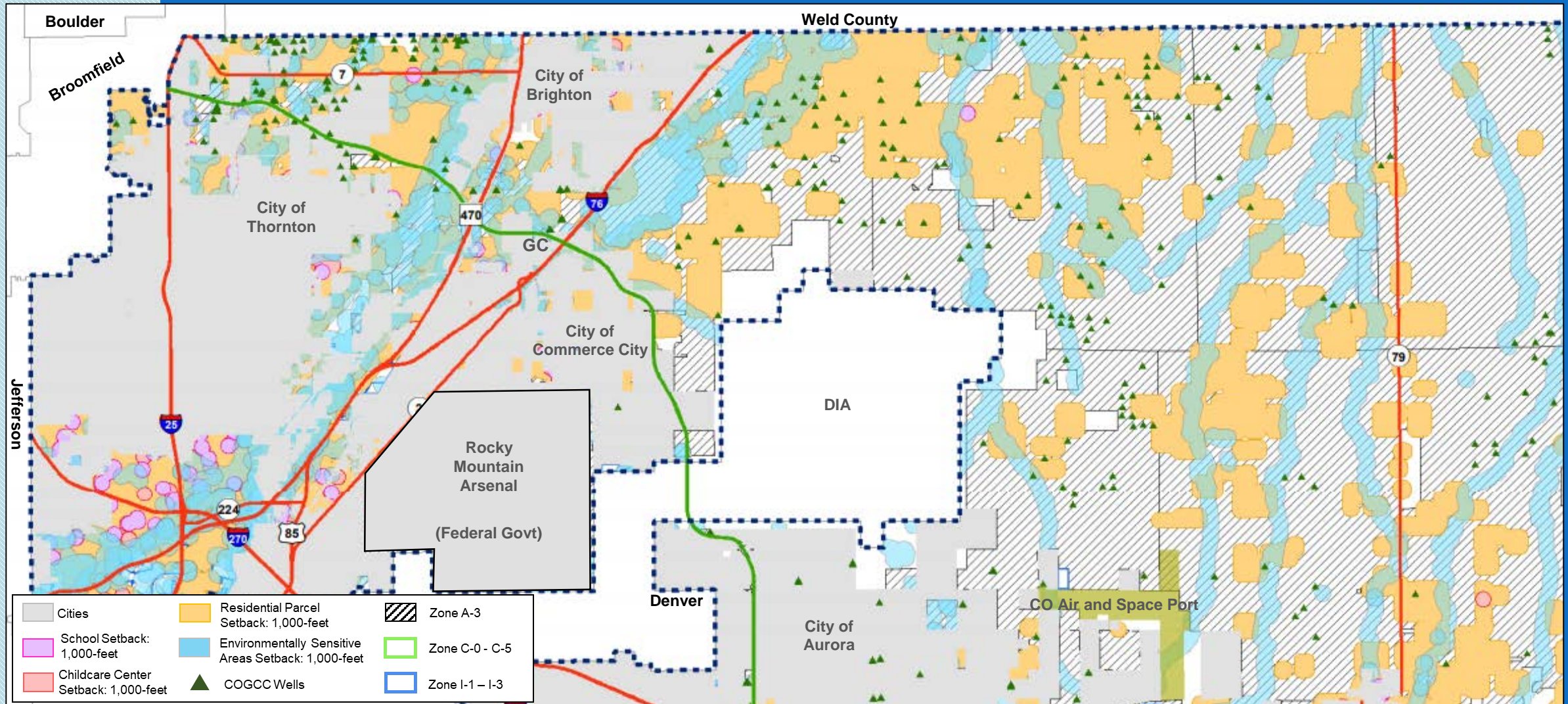


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## Current Setbacks

### Current Adams County Setbacks:

- Residential Buildings and Schools: 1,000-feet
- Environmentally Sensitive Areas: 1,000-feet





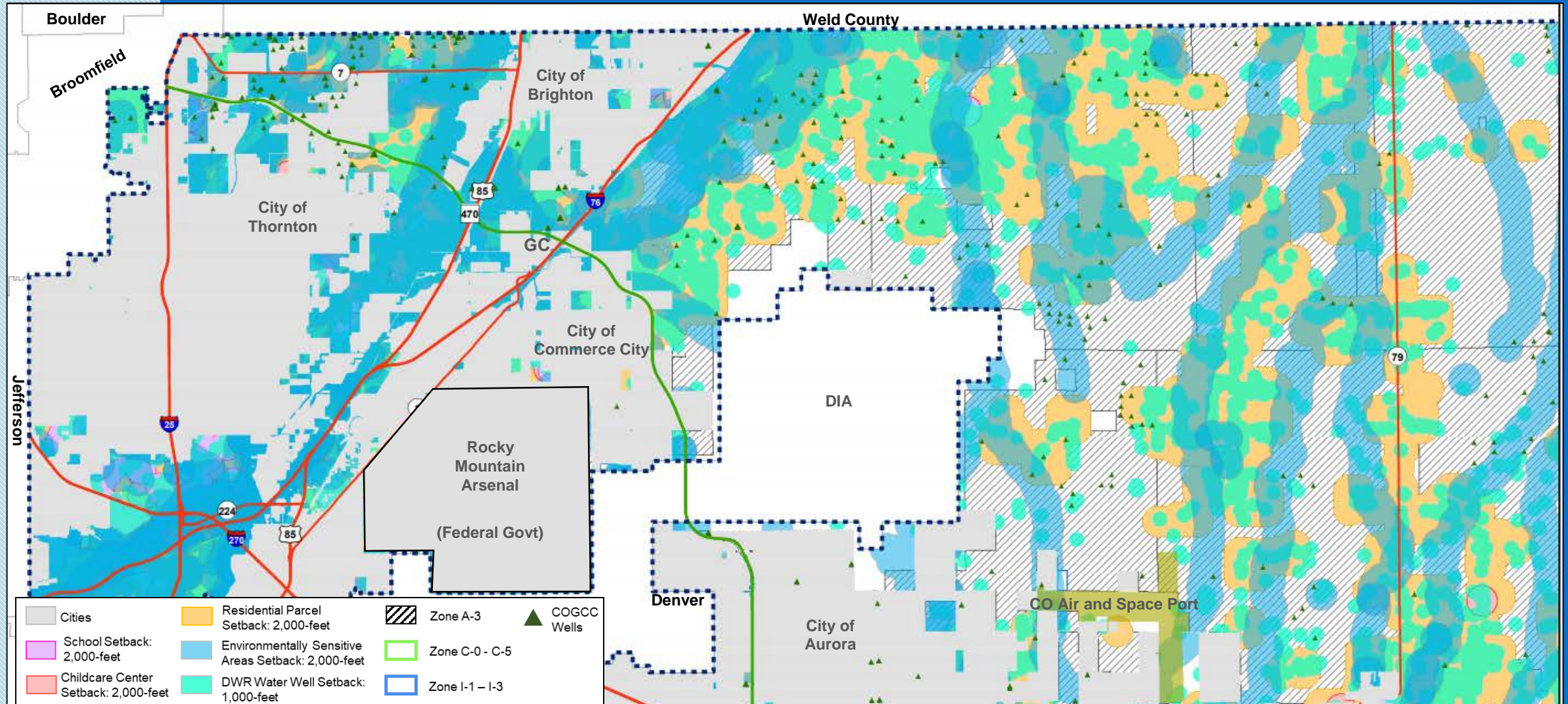


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## Proposed Setbacks

### Proposed Setbacks:

- Residential Buildings and Schools: 2,000-feet (yellow and red)
- Environmentally Sensitive Areas: 2,000-feet (blue)
- DWR Water Wells: 1,000-feet (teal)







## 2021 Oil & Gas Regulation Amendments Stakeholder Meeting

### Questions or Comments?

- Written Public Comments due by Wednesday April 28, 2021



*Case Manager:*

Greg Dean

Oil & Gas Liaison

[gdean@adcogov.org](mailto:gdean@adcogov.org)

720-523-6891

[adcogov.org/regulation-amendments](http://adcogov.org/regulation-amendments)

[adcogov.org/oil-and-gas-information](http://adcogov.org/oil-and-gas-information)